



Catalog

# weber



we  
care

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# Weber is the leader in industrial mortars

As the world leader in industrial mortars, with some 10,000 people in more than 63 countries, **Weber** can quickly tap into a very rich source of knowledge all over the world. This allows us to develop better and quicker solutions for our customers, wherever they are.



 **10,000** people in  **63** countries



 supported by almost **200 production units**

an annual turnover



over **2 billion €**

At **Weber**, we believe that what matters most in the construction industry is to **care** about **people** and their **environment**.

**we  
care**

## Well-being

At **Weber**, **we care** for the well-being of people whether they use our products or live in the buildings made using our products. Our solutions and services aim at making our customers save time, feel confident and comfortable.

At **Weber**, **we care** about what matters to people. We have a strong knowledge of our customers' job, in order to better answer their needs and help them to be successful and trustworthy. Beyond performance and reliability, we provide training and assistance in order to make every work a success.

## Empathy

## Long-lasting

At **Weber**, **we care** about our long-term responsibility. As we operate in the construction industry, our solutions are conceived to last. Our products and components are carefully chosen to care for the health and safety of people.

**NEW**




Scan to access  
the website



## New URL [www.th.weber](http://www.th.weber)

Weber is one of the first companies in the world to secure exclusive rights to a top level domain, meaning that the traditional location-specific **weber.com** addresses around the world are being replaced by the **.weber** proprietary name.

 a global leader, **Weber** is facing various attempts of brand misuse or even counterfeiting. From now on, every visitor to any **Weber** site can trust what they see: "it's only **weber** if it ends **.weber**".





# Tile Adhesives



## webertai save

Laying ceramic tiles size up to 60 x 60 cm on floors



## webertai 2-in-1

Innovative high performance tile adhesive with water-prevention property for fixing all types of tiles in bathrooms and kitchen



## webertai vis

For fixing general tile both walls and floors



## webertai maxx

Dustless and light-weight high performance tile adhesive ideal for renovation tiling works



## webertai cem

Standard tile adhesive for laying ceramic tiles, granite size up to 60 x 60 cm



## webertai flex

Flexible heavy-duty high performance tile adhesive for fixing all sizes and types of tiles in heavy-duty areas



## webertai fix

High-quality tile adhesive with double bonding strength

Best seller



## webertai no stain

Anti-stain high performance tile adhesive for fixing tiles and natural stones externally or in the area with high humidity like signboards, fountains, external walls and floors



## weberstone fix

Tile adhesive for marbles, granites and artificial stones

NEW!



## weber fix pro

Ready-to-use paste tile adhesive for tiling on interior walls in dry areas



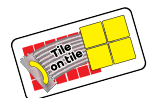
## webertai gres

adhesive for fixing large-size tiles and ideal for fixing tiles in swimming pools with 4-time higher in bonding strength



## weber fix plus

Ready-to-use paste tile adhesive for tiling on interior wall in both dry and humid areas





# Tile Grouts



## webercolor classic

General purpose tile grout



## webercolor outside

Heavy-duty and flexible tile grout ideal for external applications



## webercolor power

Anti-bacteria, Anti-fungus and anti-algae tile grout. Ideal for bathrooms and kitchens.



## webercolor HR

High resistance tile grout for swimming pools, spas, steam rooms, and saunas



## webercolor slim

Special tile grout for very narrow joint 0.2–3 mm with anti-fungus property



## webercolor poxy

Robust epoxy tile adhesive and grout, chemical resistant, acid resistant



## webercolor no stain

Anti-stain high performance tile grout with anti-fungus property for grouting tiles and natural stones externally or the area where subject to humidity like signboards, fountains, external walls and floors



## webershine armor

100% solid, glitter based reaction resin epoxy grout. 2-component, excellent stain & chemical resistance properties



## webercolor mosaic

Tile adhesive with anti-fungus tile grout property for fixing and grouting mosaics



## weberpearl armor

A 2 component, high performance 100% solid epoxy translucent grout based tile/stone filler which allows light to pass through the grout itself to create an unique reflective appearance.



## webercolor plus

Anti-fungus tile grout for wide joints suitable for grouting glass blocks and clay tiles



## weberknight armor

A 2 component night vision epoxy grout, high performance 100% solid epoxy based tile/stone joint filler which provides photo luminescence during dark.

NEW!

NEW!

NEW!

NEW!



# Waterproofing



## weberdry seal

Ready-to-use super flexible acrylic waterproof for roofs, roof tops, and walls



## weberdry top

Two-component flexible waterproofing product for wet areas and swimming pools where subject to movement

NEW!



## weberdry tex

Single component cementitious waterproofing mortar for underground areas and swimming pools



## weberdry water plug

Very fast setting cement, use to stop pressure-water leakage

NEW!



## weberdry PUD coat

High performance UV-resistant polyurethane dispersion waterproofing membrane



## weberdry 2K flex

2-component flexible waterproofing product. It is used to waterproof wet areas in the building, swimming pools, and water tanks

NEW!



## weberprim EP 2K

High performance primer for polyurethane waterproofing and sealants on both absorbent and non-absorbent substrates.



## weberdry PUR seal

Aliphatic polyurethane based, one component, ready to use, UV resistant, pedestrian traffic resistant, super elastic top coating and protection

NEW!



## weberdry PUR coat

Polyurethane based top coating, highly resistant against UV radiation, pedestrian traffic water ponding and frost



## weberdry PUR coat traffic

Polyurethane- based wear resistant top coating used as a top-coat for protection over exposed waterproofing coatings, subject to high wear conditions.



## Tapes



### webertape BE 14

Flexible reinforced waterproofing tape for joints



### webertape fiberglass mesh 5

Self-adhesive fiberglass mesh



### weberseal tape

Self-adhesive butyl rubber based aluminium foil sealing tape that is 100% UV resistant designed to adhere strongly to most construction materials

NEW!



### webertape fiberglass mesh 100

Reinforced fiberglass mesh

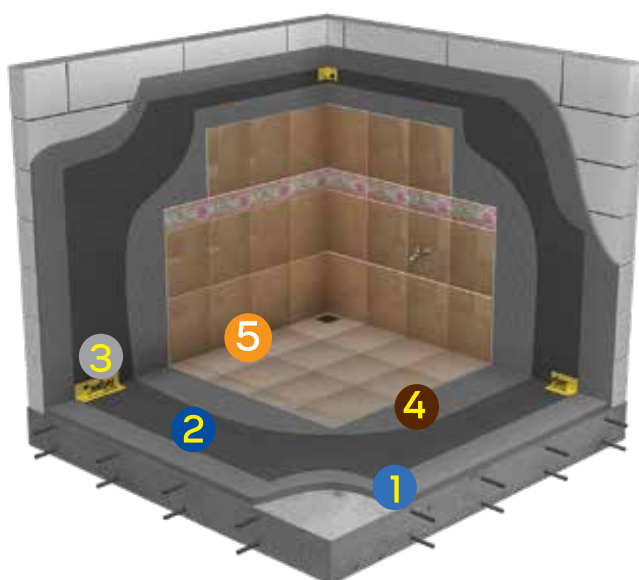


### weberdry fleece PE60

Non-woven polyester fleece for using as reinforcement with Weber's Liquid Applied Membrane waterproofing products

NEW!

## Bathroom & Tiling Solutions



### Flooring

1



NEW!

#### weberfloor slope adjust

Flooring mortar used to adjust floor level and slope of the floor before covering with flooring materials

### Waterproofing

2



#### weberdry seal

Ready-to-use super flexible acrylic waterproof for roofs, roof tops, and walls

3



#### webertape BE 14

Flexible reinforced waterproofing tape for joints

### Tile grouts

4



#### webertai 2-in-1

Innovative high performance tile adhesive with water-prevention property for fixing all types of tiles in bathrooms and kitchen

5



#### webercolor power

Anti-bacteria, Anti-fungus and anti-algae tile grout. Ideal for bathrooms and kitchens.

NEW!





## Masonry & Wall Preparation



### weberSet lightweight block

Lightweight block masonry mortar



### weberbase skim coat

Pre-mixed cementitious skim coat without sand providing perfectly smooth finishing for internal and external walls



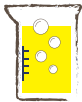
### weberbase levelling plaster

Pre-mixed cementitious mortar for adjusted wall level



### weberbase skim ultrabond

Ready-to-use white acrylic skim coat for perfectly smooth finishing on walls, columns and ceilings



## Admixture



### weberneo latex

Concrete admixture to increase bonding strength



### weberprim 2

Bonding primer to use before tiling on special substrates for internal application



### weberprim concrete

Concrete bonding primer to increase bonding of ordinary plaster to concrete walls and columns



### weberad mortar plus

Waterproof admixture for concrete and mortar. To increase waterproofing property in concrete, plaster, and screed



## Repairing



### webertec non-shrink grout+

Cementitious non-shrink mortar for general purpose



### weberep repair mortar GP

Use for repair concrete facades, spalling, honeycombing and restructuring balconies, terraces, walls and cornices.



### weberanc epoxy 2K

Solvent free two-components epoxy paste which is specially formulated from high grade epoxy resin



# Flooring



## weberfloor 4655

Cement-based rapid-drying pumpable self-leveling floor for industrial and commercial applications



## weberfloor 1145

NEW!

Self leveling mortar to level the floor before covering with other floor materials in residential places, hospitals, and commercial areas



## weberfloor 4716

Water-borne primer dispersion for use with cementitious flooring products



## weberfloor slope adjust

NEW!

Flooring mortar used to adjust floor level and slope of the floor before covering with flooring materials



## weberfloor 4720

re-mixed 1-component coating solution to strengthen floor surface especially industrial floor. For interior and exterior



## weberfloor dry hardener

NEW!

Cement-based dry shake to provide high abrasion and wear resistant surface to concrete floors



## weberfloor liquid hardener

Surface hardener and curing compound for concrete

NEW!



# Sealants, foams & fixing



## weberseal MS

**NEW!**

**weberseal MS** is a tough, durable elastomeric joint sealant suitable for use in a wide range of external and internal building applications



## weberseal acrylic GF

**NEW!**

**weberseal acrylic GF** is a one component water based acrylic joint sealant and gap filler. It is semi-flexible and mold resistant



## weberseal PU

**NEW!**

**weberseal PU** is a one part, moisture curing elastic joint sealant. Used as a general purpose building construction sealant for sealing joints



## weberfoam PU

**NEW!**

**weberfoam PU** is a highly expansive 1-part polyurethane fixing foam



## weberseal silicone SN

**NEW!**

**weberseal silicone SN** is a one part neutral cure sealant. It is formulated for applications in high humidity areas like in bathrooms, kitchens and cold rooms



## webertec no nail

**NEW!**

**webertec no nail** is a one part high strength, copolymer dispersion adhesive for bonding building materials indoor and in sheltered outdoor areas



## weberseal silicone NC

**NEW!**

**weberseal silicone NC** is a multi-purpose one part neutral curing silicone sealant suitable for indoor and outdoor applications



## weberseal silicone AC

**NEW!**

**weberseal silicone AC** is a general purpose one-part acetoxycure sealant. It produces a durable and permanently flexible seal and is for use with most non-porous construction materials.



## Tools for tiling

### Mixing tile adhesive tool



Mortar mixing head  
Code : **MMT 8 X 38**

### Tile installation tools



Tile spacer size 1 mm  
Code : **SPW01**  
(A pack of 12 bags x 100 spacers)



Tile spacer size 2 mm  
Code : **SPW02**  
(A pack of 12 bags x 100 spacers)



Tile spacer size 3 mm  
Code : **SPW03**  
(A pack of 12 bags x 100 spacers)



V5 notched trowel  
for laying mosaic and small tiles  
Code : **NTV5**



U6 notched trowel size 6 x 6 mm  
for laying small to medium size tiles  
Code : **NTU6-S**



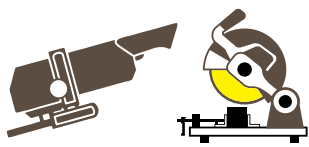
U10 notched trowel size 10 x 10 mm  
for laying medium to large size tiles  
Code : **NTU10-S**

### Grouting tool



Rubber trowel for grouting  
Code : **RT8x22**





## Tools



### Diamond Blade for Construction materials - Segmented

For cutting general building materials: concrete rims and paving slabs, concrete blocks and clay bricks, silicates

- + 8 mm segment, longer life
- + Ring size fits on all machines
- + Premium diamond and metal bond for high speed of cut
- + Dry and Wet cutting



### 4" Ultra Thin wheels for portable angle grinder

- + 1 mm. thickness for a fast and precise cut
- + Excellent balance between speed of cut and wheel life
- + Great performances on both Steel and Stainless
- + Smooth and cool cut to improve the cutting quality



### Diamond Blade for universal - Turbo

For cutting hard and fragile building site materials: roof tiles, clinker bricks and tiles, concrete paving slabs

- + Corrugated continuous rim with premium specification
- + Smooth and easy use, greater quality of the cut in a wide range of materials
- + Dry and Wet cutting



### 14" Chopsaw cutting wheel

- + Fast cutting wheel with premium grain for improved cutting output and life
- + OSA safety standard compliant
- + Great performances on both Steel and Stainless



### Diamond blade for Soft and Hard Tiles - Ultra Thin

For cutting tiles with Dry cutting or thick/Granite tiles with Wet cutting

- + Ultra thin for fast cutting
- + Recommend to use Wet cutting for hard tiles



### Fiber Disc

Stock removal, edge chamfering, weld blending, deburring/deflashing, rust removal, cleaning and finishing

- + Premium Aluminum Oxide grains for Consistent cut-rate
- + High strength vulcanized fibre backing offers Tear Resistant



### GC Flexible Wheel

Light grinding of tile, ceramic, concrete and other masonry

- + Premium Silicon Carbide grain
- + High removal rate and longer life



### Flap Disc

Grinding, stock removal, edge chamfering/beveling, weld blending, deburring/deflashing, rust removal, blending, cleaning and finishing

- + Premium Aluminum Oxide grains offer better Cut Rate & Life
- + Strong Cloth Backing for better Surface Finish
- + Optimized Construction for Versatility with GFD



# Tiling solutions

- 1** Laying ceramic tiles and granito in general areas



**webertai fix**

**webercolor power**

- 2** Laying large size tiles, granito tiles, granites, porcelain tiles, marbles, with narrow joints



**webertai gres**

**webercolor slim**

- 3** Laying tiles in bathrooms and kitchens with granite large size and extra narrow joints to prevent water leakage and fungus



**webertai 2-in-1**

**webercolor slim**

- 4** Laying mosaics on walls and cement floors (Tiling and grouting)



**webercolor mosaic**

- 5** Laying tiles in car parks, department stores, and external walls



**webertai flex**

**webercolor outside**

- 6** Laying ceramic tiles, granito tiles up to 60x60 cm in general areas like living rooms.



**webertai cem**

**webercolor classic**





- 7** Laying tiles in swimming pools after proper waterproofing



webertai gres

+



webercolor HR

- 8** Laying tiles or stones with anti-stain property



webertai no stain

+



webercolor no stain

- 9** Laying tiles on existing tiles in bathrooms



webertai 2-in-1

+



webercolor power

- 11** Laying tiles on existing tiles in car parks, department stores and external walls



webertai flex

+



webercolor outside

- 10** Laying tiles, granite tiles up to 60x60 cm on existing tiles in living rooms



webertai gres

+



webercolor slim





# Tile Adhesives



## webertai save



Laying ceramic tiles on cement floors up to size 60 x 60 cm



Time saving. Fast installation



Easy to use, can be applied 5-15 mm.

**webertai save** is cementitious pre-mixed tile adhesive to mix with water and lay ceramic and granito tiles on floors

- **SUITABLE FOR :** ceramic tiles, clay tiles and granites
- **PACKAGING :** 20 kg bag
- **COLOR :** grey
- **COVERAGE :** average 4-7 m<sup>2</sup>/20 kg bag

### APPLICATION

#### Substrate preparation

- Substrate should be sound, level, and clean with normal absorption rate
- in case of porous substrate with high absorption, dampen the surface before tiling.
- For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before tiling

### Mixing

Mixing **webertai save** in water with the ratio of 1:3 by volume (1 part of water + 3 parts of **webertai save**). Using slow-speed electric mixer to mix or gradually mix by hand until obtaining homogeneous lump-free paste. Leave for 3-4 minutes for chemical curing before using.

### Tiling

1. Using notched trowel to spread tile adhesive onto substrate
2. Back buttering in case of laying tile bigger than 10 x 10 inches
3. Placing tiles on tile adhesive and knock gradually with rubber hammer
4. Clean the excess tile adhesive on tile surface
5. Tiles can be adjusted within 5 minutes after laying
6. Leave for 24 hours before grouting

### • SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

### TECHNICAL DATA

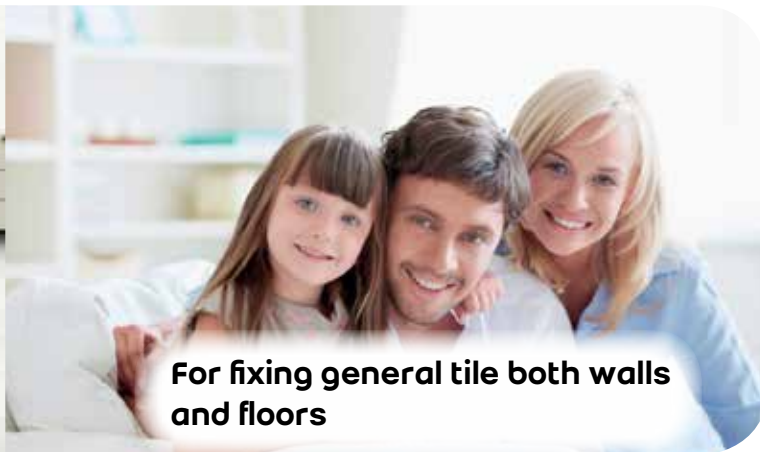
Type	Standard tile adhesive
Density of powder	1.4 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	2 hours
Open time	15 minutes
Adjusting time	5 minutes
Recommended thickness	5 – 15 mm
Waiting time before grouting	24 hours

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

### CERTIFIED STANDARD

International/European standard	Standard	Result
Initial tensile adhesion strength ISO 13007 part 2-4.4.4.2 or (EN 1348-8.2)	≥ 0.5 N/mm <sup>2</sup>	1.28 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion ISO 13007 part 2-4.4.4.3 or (EN 1348-8.3)	≥ 0.5 N/mm <sup>2</sup>	0.99 N/mm <sup>2</sup>
Open time tensile adhesion strength ISO 13007 part 2-4.1 or (EN 1346)	≥ 0.5 N/mm <sup>2</sup>	0.56 N/mm <sup>2</sup>





**For fixing general tile both walls and floors**



## webertai vis



Laying ceramic tiles on cement floors and walls



To replace conventional material; sand + cement



Suitable for small projects with general tiling



Low VOCs

**webertai vis** is cementitious pre-mixed tile adhesive to mix with water and lay general tiles on floors and walls

- **SUITABLE FOR :** ceramic tiles and clay tiles
- **PACKAGING :** 20 kg bag and 25 kg bag
- **COLOR :** grey
- **COVERAGE :** average 4-7 m<sup>2</sup>/20 kg bag  
average 5-9 m<sup>2</sup>/25 kg bag

### APPLICATION

#### Substrate preparation

- Substrate should be sound, level, and clean with normal absorption rate
- In case of porous substrate with high absorption, dampen the surface before tiling
- For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before tiling

#### Mixing

Mixing **webertai vis** in water with the ratio of 1 : 3 by volume (1 part of water + 3 parts of **webertai vis**). Using slow-speed electric mixer to mix or gradually mix by hand until obtaining homogeneous lump-free paste. Leave for 3 – 4 minutes for chemical curing before using.

#### Tiling

1. Using notched trowel to spread tile adhesive onto substrate
2. Back buttering in case of laying tile bigger than 10 x 10 inches
3. Placing tiles on tile adhesive and knock gradually with rubber hammer
4. Clean the excess tile adhesive on tile surface
5. Tiles can be adjusted within 5 minutes after laying
6. Leave for 24 hours before grouting

### • SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

#### TECHNICAL DATA

Type	Standard tile adhesive
Density of powder	1.4 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	2 hours
Open time	15 minutes
Adjusting time	5 minutes
Recommended thickness	2 – 10 mm
Waiting time before grouting	24 hours

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

#### CERTIFIED STANDARD

International/European standard	Standard	Result
Initial tensile adhesion strength ISO 13007 part 2-4.4.4.2 or EN 1348-8.2	≥ 0.5 N/mm <sup>2</sup>	0.80 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion ISO 13007 part 2-4.4.4.3 or EN 1348-8.3	≥ 0.5 N/mm <sup>2</sup>	0.55 N/mm <sup>2</sup>
Open time tensile adhesion strength ISO 13007 part 2-4.1 or EN 1346	≥ 0.5 N/mm <sup>2</sup>	0.64 N/mm <sup>2</sup>



# Tile Adhesives



**Standard tile adhesive for laying ceramic tiles, granite size up to 60 x 60 cm**



**webertai cem**



Laying ceramic tiles, granito tiles up to size 60 x 60 cm on both floor and wall



Suitable for project where general tiles are laid



Extended open time resulting in faster application



Low VOCs

**webertai cem** is cementitious pre-mixed tile adhesive to mix with water giving good bonding for laying tiles on both floor and wall

- **SUITABLE FOR :** ceramic tiles, clay tiles, granito tiles size up to 60 x 60 cm
- **PACKAGING :** 20 kg bag and 25 kg bag
- **COLOR :** grey
- **COVERAGE :** average 4-7 m<sup>2</sup>/20 kg bag  
average 5-9 m<sup>2</sup>/25 kg bag
- **APPLICATION**

## Substrate preparation

- Substrate should be sound, level, and clean with normal absorption rate
- In case of porous substrate with high absorption, dampen the surface before tiling
- For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before tiling

## Mixing

Mixing **webertai cem** in water with the ratio of 1 : 3 by volume (1 part of water + 3 parts of **webertai cem**). Using slow-speed electric mixer to mix or gradually mix by hand until obtaining homogeneous lump-free paste. Leave for 3 – 4 minutes for chemical curing before using.

## Tiling

1. Using notched trowel to spread tile adhesive onto substrate
2. Back buttering in case of laying tile bigger than 10 x 10 inches
3. Placing tiles on tile adhesive and knock gradually with rubber hammer
4. Clean the excess tile adhesive on tile surface
5. Tiles can be adjusted within 10 minutes after laying
6. Leave for 24 hours before grouting

## ● SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

## TECHNICAL DATA

Type	Standard tile adhesive
Density of powder	1.4 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	4 hours
Open time	20 minutes
Adjusting time	10 minutes
Recommended thickness	2 – 10 mm
Waiting time before grouting	24 hours

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

## CERTIFIED STANDARD

International/European standard		Standard	Result
Initial tensile adhesion strength ISO 13007 part 2-4.4.4.2 or EN 1348-8.2		≥ 0.5 N/mm <sup>2</sup>	1.03 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion ISO 13007 part 2-4.4.4.3 or EN 1348-8.3		≥ 0.5 N/mm <sup>2</sup>	1.09 N/mm <sup>2</sup>
Open time tensile adhesion strength ISO 13007 part 2-4.1 or EN 1346		≥ 0.5 N/mm <sup>2</sup>	0.74 N/mm <sup>2</sup>
American Standard		Standard	Result
Shear strength according to ANSI A 118.1 – 2012			
- To glazed wall tiles	7 days	> 1.38 MPa	2.17 MPa
- To porcelain mosaics	1 day	> 0.34 MPa	1.26 MPa
	7 days	> 1.03 MPa	2.44 MPa
	28 days	> 1.03 MPa	2.87 MPa
	84 days	> 1.03 MPa	3.09 MPa
Water immersion shear strength according to ANSI A 118.1 – 2012			
- To glaze wall tiles	7 days	> 1.03 MPa	4.03 MPa
- To porcelain mosaic	7 days	> 0.69 MPa	2.54 MPa



High quality tile adhesive with double bonding strength



**webertai fix**



Laying ceramic tiles, clay tiles, granito tiles, marbles, granites. Laying clay tiles in small swimming pool.



Double bonding strength



With special additive providing anti-slip property



Low VOCs

**Best seller**

**webertai fix** is pre-mixed high quality tile adhesive to mix with water giving double bonding strength for laying tiles on both floor and wall

- **SUITABLE FOR :** ceramic tiles, clay tiles, granito tiles, marbles, granites size up to 60 x 60 cm
- **PACKAGING :** 20 kg bag and 25 kg bag
- **COLOR :** grey
- **COVERAGE :** average 4-7 m<sup>2</sup>/20 kg bag  
average 5-9 m<sup>2</sup>/25 kg bag
- **APPLICATION**

#### Substrate preparation

- Substrate should be sound, level, and clean with normal absorption rate
- In case of porous substrate with high absorption, dampen the surface before tiling
- For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before tiling

#### Mixing

Mixing **webertai fix** in water with the ratio of 1:3 by volume (1 part of water + 3 parts of **webertai fix**). Using slow-speed electric mixer to mix or gradually mix by hand until obtaining homogeneous lump-free paste. Leave for 3 – 4 minutes for chemical curing before using.

#### Tiling

1. Using notched trowel to spread tile adhesive onto substrate
2. Back buttering in case of laying tile bigger than 10 x 10 inches
3. Placing tiles on tile adhesive and knock gradually with rubber hammer
4. Clean the excess tile adhesive on tile surface
5. Tiles can be adjusted within 15 minutes after laying
6. Leave for 24 hours before grouting

#### • SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

#### TECHNICAL DATA

Type	Standard tile adhesive
Density of powder	1.40 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	4 hours
Open time	20 minutes
Adjusting time	10 minutes
Recommended thickness	2 – 10 mm
Waiting time before grouting	24 hours

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

#### CERTIFIED STANDARD

International/European standard		Standard	Result
Initial tensile adhesion strength ISO 13007 part 2-4.4.4.2 or EN 1348-8.2		≥ 0.5 N/mm <sup>2</sup>	1.46 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion ISO 13007 part 2-4.4.4.3 or EN 1348-8.3		≥ 0.5 N/mm <sup>2</sup>	1.31 N/mm <sup>2</sup>
Open time tensile adhesion strength ISO 13007 part 2-4.1 or EN 1346		≥ 0.5 N/mm <sup>2</sup>	0.72 N/mm <sup>2</sup>
American Standard		Standard	Result
Shear strength according to ANSI A 118.1 – 2012			
- To glazed wall tiles	7 days	> 1.38 MPa	1.63 MPa
	1 day	> 0.34 MPa	0.49 MPa
- To porcelain mosaics	7 days	> 1.03 MPa	2.03 MPa
	28 days	> 1.03 MPa	2.22 MPa
	84 days	> 1.03 MPa	2.61 MPa
Water immersion shear strength according to ANSI A 118.1 – 2012			
- To glaze wall tiles	7 days	> 1.03 MPa	1.75 MPa
	7 days	> 0.69 MPa	2.26 MPa
- To porcelain mosaic			





# Tile Adhesives



Tile adhesive for marbles, granites and artificial stones



## weberstone fix



Laying marbles, granites, artificial stones both walls and floors up to size 60 x 60 cm



Excellent bonding strength



Pure white color perfect for marbles and artificial stones

**weberstone fix** is pre-mixed high quality white stone adhesive to mix with water for laying stone on both floor and wall

- **SUITABLE FOR :** marbles, granites and artificial stones up to size 60 x 60 cm
- **PACKAGING :** 20 kg bag
- **COLOR :** white
- **COVERAGE :** average 4-7 m<sup>2</sup>/20 kg bag
- **APPLICATION**

### Substrate preparation

- Substrate should be sound, level, and clean with normal absorption rate
- In case of porous substrate with high absorption, dampen the surface before tiling
- For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before laying

### Mixing

Mixing **weberstone fix** in water with the ratio of 1:3 by volume (1 part of water + 3 parts of **weberstone fix**). Using slow-speed electric mixer to mix or gradually mix by hand until obtaining homogeneous lump-free paste. Leave for 3-4 minutes for chemical curing before using.

### Tiling

1. Using notched trowel to spread stone adhesive onto substrate
2. Back buttering in case of laying stone bigger than 10 x 10 inches
3. Placing stone on stone adhesive and knock gradually with rubber hammer
4. Clean the excess stone adhesive on stone surface
5. Stone can be adjusted within 15 minutes after laying
6. Leave for 24 hours before grouting

### ● SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

## TECHNICAL DATA

Type	Standard tile adhesive
Density of powder	14 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	4 hours
Open time	20 - 30 minutes
Adjusting time	15 minutes
Recommended thickness	2 – 10 mm
Waiting time before grouting	24 hours

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

## CERTIFIED STANDARD

International/European standard	Standard	Result
Initial tensile adhesion strength ISO 13007 part 2-4.4.4.2 or EN 1348-8.2	≥ 0.5 N/mm <sup>2</sup>	1.65 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion ISO 13007 part 2-4.4.4.3 or EN 1348-8.3	≥ 0.5 N/mm <sup>2</sup>	1.22 N/mm <sup>2</sup>
Open time tensile adhesion strength ISO 13007 part 2-4.1 or EN 1346	≥ 0.5 N/mm <sup>2</sup>	1.83 N/mm <sup>2</sup>
American Standard	Standard	Result
Shear strength according to ANSI 118.1 – 2012		
- To glazed wall tiles	7 days	> 1.38 MPa
- To porcelain mosaics	1 day	> 0.34 MPa
	7 days	> 1.03 MPa
	28 days	> 1.03 MPa
	84 days	> 1.03 MPa
		2.14 MPa
		0.70 MPa
		1.90 MPa
		2.40 MPa
		2.41 MPa
Water immersion shear strength according to ANSI 118.2 – 2012		
- To glaze wall tiles	7 days	> 1.03 MPa
- To porcelain mosaic	7 days	> 0.69 MPa
		2.51 MPa
		1.90 MPa





High performance tile adhesive for fixing large-size tiles, ideal for fixing tiles in swimming pools with excellent bonding strength



## webertai gres



Laying swimming pool tiles



Good for laying large size tiles up to 1.2 x 2.4 m.



Low VOCs



Excellent 4-Times bonding strength



Laying tiles on internal existing tiles

**webertai gres** is pre-mixed high performance tile adhesive to mix with water giving excellent bonding strength for laying large size tiles and swimming pool tiles

- **SUITABLE FOR :** ceramic tiles, granito tiles, marbles, granites, artificial tiles
- **PACKAGING :** 20 kg bag
- **COLOR :** grey / white
- **COVERAGE :** average 4-7 m<sup>2</sup>/20 kg bag
- **APPLICATION**

### Substrate preparation

- New substrate should be sound, level, and clean with normal absorption rate
- Case of existing substrate; check bonding. Remove peel-off paint and de-bonded tiles and lay the new ones. Clean off any excess dirt and laitance.
- In case of porous substrate with high absorption, dampen the surface before tiling
- For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before tiling

### Mixing

Mixing **webertai gres** in water with the ratio of 1:3 by volume (1 part of water + 3 parts of **webertai gres**). Using slow-speed electric mixer to mix or gradually mix by hand until obtaining homogeneous lump-free paste. Leave for 3 – 4 minutes for chemical curing before using.

### Tiling

1. Using notched trowel to spread tile adhesive onto substrate
2. Back buttering in case of laying tile bigger than 10 x 10 inches
3. Placing tiles on tile adhesive and knock gradually with rubber hammer
4. Clean the excess tile adhesive on tile surface
5. Tiles can be adjusted within 15 minutes after laying
6. Leave for 24 hours before grouting

### ● SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

## TECHNICAL DATA

Type	High performance tile adhesive
Density of powder	1.40 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	4 hours
Open time	20 - 30 minutes
Adjusting time	15 minutes
Recommended thickness	2 – 10 mm
Waiting time before grouting	24 hours

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

## CERTIFIED STANDARD

International/European standard	Standard	Result
Initial tensile adhesion strength ISO 13007 part 2-4.4.4.2 or EN 1348-8.2	≥ 1.0 N/mm <sup>2</sup>	2.06 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion ISO 13007 part 2-4.4.4.3 or EN 1348-8.3	≥ 1.0 N/mm <sup>2</sup>	1.60 N/mm <sup>2</sup>
Open time tensile adhesion strength ISO 13007 Part 2-4 or EN 1346	≥ 0.5 N/mm <sup>2</sup>	0.83 N/mm <sup>2</sup>
American Standard ANSI A118.4	Standard	Result
Shear strength according to ANSI A 118.4 – 2012		
- To glazed wall tiles	7 days > 2.07 MPa	2.34 MPa
- To porcelain mosaics	1 day > 0.50 MPa	1.73 MPa
	7 days > 1.38 MPa	3.41 MPa
	28 days > 1.38 MPa	3.15 MPa
	84 days > 1.38 MPa	3.63 MPa
- To quarry tiles	28 days > 1.03 MPa	2.74 MPa
Water immersion shear strength according to ANSI A 118.4 – 2012		
- To glaze wall tiles	7 days > 1.38 MPa	1.84 MPa
- To porcelain mosaic	7 days > 1.03 MPa	2.65 MPa
Freeze-thaw shear strength according to ANSI A 118.4-2012		
- To porcelain mosaics	28 days > 1.21 MPa	3.08 MPa
- To quarry tiles	28 days > 0.69 MPa	2.84 MPa



# Tile Adhesives



**Innovative high performance tile adhesive with water-prevention property for fixing all types of tiles in bathrooms and kitchens**



## webertai 2-in-1



2-in-1 property for tiling and preventing water



Excellent bonding strength



Low VOCs



Good for laying large size tiles up to 1 x 1 m.



Laying tiles on internal existing tiles in bathroom and kitchen

**webertai 2-in-1** is an innovative tile adhesive with water prevention property to mix with water using to lay tiles in bathrooms, kitchens, and any areas in contact with water

- **SUITABLE FOR :** ceramic tiles, granito tiles, marbles, granites, artificial tiles size up to 1 x 1 m.
- **PACKAGING :** 5 kg and 20 kg bag
- **COLOR :** grey
- **COVERAGE :** average 1 m<sup>2</sup>/5 kg bag  
average 4-7 m<sup>2</sup>/20 kg bag
- **APPLICATION**

### Substrate preparation

- New substrate should be sound, level, and clean with normal absorption rate
- Case of existing substrate; check bonding. Remove peel-off paint and de-bonded tiles and lay the new ones. Clean off any excess dirt and laitance.
- In case of porous substrate with high absorption, dampen the surface before tiling
- For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before tiling

### Mixing

Mixing **webertai 2-in-1** in water with the ratio of 1 : 3 by volume (1 part of water + 3 parts of **webertai 2-in-1**). Using slow-speed electric mixer to mix or gradually mix by hand until obtaining homogeneous lump-free paste. Leave for 3 – 4 minutes for chemical curing before using.

### Tiling

1. Using notched trowel to spread tile adhesive onto substrate
2. Back buttering to get water prevention property
3. Placing tiles on tile adhesive and knock gradually with rubber hammer
4. Clean the excess tile adhesive on tile surface
5. Tiles can be adjusted within 15 minutes after laying
6. Leave for 24 hours before grouting

### ● SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

## TECHNICAL DATA

Type	High performance tile adhesive
Density of powder	1.35 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	4 hours
Open time	20 – 30 minutes
Recommended thickness	2 – 10 mm
Waiting time before grouting	24 hours

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

## CERTIFIED STANDARD

International/European standard	Standard	Result
Initial tensile adhesion strength ISO 13007 part 2-4.4.4.2 or EN 1348-8.2	≥ 1.0 N/mm <sup>2</sup>	1.70 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion ISO 13007 part 2-4.4.4.3 or EN 1348-8.3	≥ 1.0 N/mm <sup>2</sup>	1.10 N/mm <sup>2</sup>
American Standard	Standard	Result
Shear strength according to ANSI 118.4 – 2012		
- To glazed wall tiles	7 days > 2.07 MPa	2.42 MPa
- To porcelain mosaics	1 day > 0.50 MPa	0.77 MPa
	7 days > 1.38 MPa	3.24 MPa
	28 days > 1.38 MPa	3.60 MPa
	84 days > 1.38 MPa	3.53 MPa
- To quarry tiles	28 days > 1.03 MPa	3.59 MPa
Water immersion shear strength according to ANSI 118.4 – 2012		
- To glaze wall tiles	7 days > 1.38 MPa	2.68 MPa
- To porcelain mosaic	7 days > 1.03 MPa	2.24 MPa
Freeze-thaw shear strength according to ANSI A118.4-2012		
- To porcelain mosaics	28 days > 1.21 MPa	2.60 MPa
- To quarry tiles	28 days > 0.69 MPa	3.10 MPa



## webertai maxx



Dustless: excellent for renovation works



Good for laying large size tiles up to 1 x 1 m.



Laying tiles direct on lightweight block without render



Laying tiles on internal existing tiles



Cost saving with 35% more coverage



Low VOCs

**webertai maxx** is dustless and lightweight high performance tile adhesive mixing with water providing excellent bonding. Ideal for tiling of renovation project, laying tiles on existing tiles, and laying tiles on lightweight blocks without render

- **SUITABLE FOR :** ceramic tiles, granito tiles, marbles, granites, artificial tiles size up to 1 x 1 m
- **PACKAGING :** 15 kg bag
- **COLOR :** grey
- **COVERAGE :** average 4-7 m<sup>2</sup>/15 kg bag
- **APPLICATION**

### Substrate preparation

- New substrate should be sound, level, and clean with normal absorption rate
- Case of existing substrate; check bonding. Remove peel-off paint and de-bonded tiles and lay the new ones. Clean off any excess dirt and laitance.
- In case of porous substrate with high absorption, dampen the surface before tiling
- For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before tiling

### Mixing

Mixing **webertai maxx** in water with the ratio of 1: 2.5 by volume (1 part of water + 2.5 parts of **webertai maxx**). Using slow-speed electric mixer to mix or gradually mix by hand until obtaining homogeneous lump-free paste. Leave for 3 – 4 minutes for chemical curing before using.

### Tiling

1. Using notched trowel to spread tile adhesive onto substrate
2. Back buttering in case of laying tile bigger than 10 x 10 inches
3. Placing tiles on tile adhesive and knock gradually with rubber hammer

4. Clean the excess tile adhesive on tile surface
5. Tiles can be adjusted within 15 minutes after laying
6. Leave for 24 hours before grouting

### • SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

## TECHNICAL DATA

Type	High performance tile adhesive
Density of powder	1.00 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	4 hours
Open time	20 - 30 minutes
Adjusting time	15 minutes
Recommended thickness	2 – 10 mm
Waiting time before grouting	24 hours

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

## CERTIFIED STANDARD

International/European standard	Standard	Result
Initial tensile adhesion strength ISO 13007 part 2-4.4.4.2 or EN 1348-8.2	≥ 1.0 N/mm <sup>2</sup>	1.50 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion ISO 13007 part 2-4.4.4.3 or EN 1348-8.3	≥ 1.0 N/mm <sup>2</sup>	1.20 N/mm <sup>2</sup>





# Tile Adhesives



**Flexible high performance tile adhesive for fixing all sizes and types of tiles in heavy-duty areas**



## webertai flex



Flexible: suitable for laying tile on deformable substrates



Good for laying large size tiles up to 1 x 1 m.



Ideal for laying tiles in high-rise buildings



Laying tiles on both internal and external existing tiles



Resist to all weather conditions, pressure, and vibration



Low VOCs

**webertai flex** is flexible high performance tile adhesive mixing with water to fix all sizes and types of tiles. Ideal for tiling on deformable substrates like plywoods\*, wood-cement boards\*, fiber-cement boards\*, gypsum boards\*, etc

\* Apply **weberprim 2** primer (Page 77) before tiling

- **SUITABLE FOR :** ceramic tiles, granito tiles, marbles, granites, artificial tiles size up to 1 x 1 m
- **PACKAGING :** 20 kg bag
- **COLOR :** grey
- **COVERAGE :** average 4-7 m<sup>2</sup>/20 kg bag

### APPLICATION

#### Substrate preparation

- New substrate should be sound, level, and clean with normal absorption rate
- Case of existing substrate; check bonding. Remove peel-off paint and de-bonded tiles and lay the new ones. Clean off any excess dirt and laitance.
- In case of porous substrate with high absorption, dampen the surface before tiling
- For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before tiling

#### Mixing

Mixing **webertai flex** in water with the ratio of 1 : 3 by volume (1 part of water + 3 parts of **webertai flex**). Using slow-speed electric mixer to mix or gradually mix by hand until obtaining homogeneous lump-free paste. Leave for 3 – 4 minutes for chemical curing before using.

#### Tiling

1. Using notched trowel to spread tile adhesive onto substrate
2. Back buttering in case of laying tile bigger than 10 x 10 inches
3. Placing tiles on tile adhesive and knock gradually with rubber hammer
4. Clean the excess tile adhesive on tile surface
5. Tiles can be adjusted within 15 minutes after laying
6. Leave for 24 hours before grouting

### ● SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

## TECHNICAL DATA

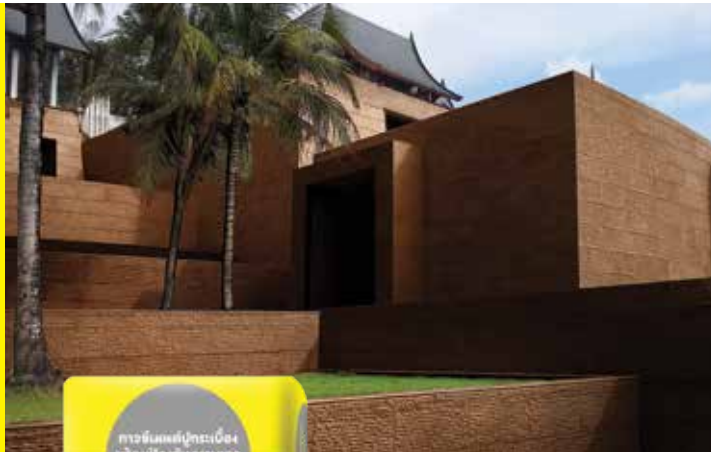
Type	High performance tile adhesive
Density of powder	1.40 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	4 hours
Open time	20 – 30 minutes
Recommended thickness	2 – 10 mm
Waiting time before grouting	24 hours

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

## CERTIFIED STANDARD

International/European standard	มาตรฐาน	Result
Initial tensile adhesion strength ISO 13007 part 2-4.4.4.2 or EN 1348-8.2	≥ 1.0 N/mm <sup>2</sup>	1.98 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion ISO 13007 part 2-4.4.4.3 or EN 1348-8.3	≥ 1.0 N/mm <sup>2</sup>	1.42 N/mm <sup>2</sup>
Open time tensile adhesion strength ISO 13007 part 2-4.1 or EN 1346	≥ 0.5 N/mm <sup>2</sup>	2.18 N/mm <sup>2</sup>
Deformability ISO 13007 part 2 – 4.5 or EN 12002	S2-deformable > 5 mm.	5.5 mm.
American Standard	Standard	Result
Shear strength according to ANSI 118.1 – 2012		
- To glazed wall tiles	7 days	> 2.07 MPa
- To porcelain mosaics	1 day	> 0.50 MPa
	7 days	> 1.38 MPa
	28 days	> 1.38 MPa
	84 days	> 1.38 MPa
- To quarry tiles	28 days	> 1.03 MPa
Water immersion shear strength according to ANSI 118.4 – 2012		
- To glaze wall tiles	7 days	> 1.38 MPa
- To porcelain mosaic	7 days	> 1.03 MPa
Freeze-thaw shear strength according to ANSI A118.4-2012		
- To porcelain mosaics	28 days	> 1.21 MPa
- To quarry tiles	28 days	> 0.69 MPa





**Anti-stain high performance tile adhesive for external areas and for the areas with high humidity**



## webertai nostain



Anti-efflorescent and white stain



Good for laying large size tiles up to 1 x 1 m.



Ideal for laying tiles in areas with high humidity



Resist to all weather conditions



Laying tiles on internal existing tiles



Low VOCs

**webertai nostain** is anti-stain high performance tile adhesive mixing with water to fix tiles and stones externally or in the area with high humidity like fountains, signboards, columns, stairs & steps, external floors and walls

\* Recommend to use together with anti-stain tile grout **webercolor no stain**

- **SUITABLE FOR :** ceramic tiles, granito tiles, marbles, granites, artificial tiles size up to 1 x 1 m
- **PACKAGING :** 20 kg bag
- **COLOR :** grey
- **COVERAGE :** average 4-7 m<sup>2</sup>/20 kg bag

### APPLICATION

#### Substrate preparation

- New substrate should be sound, level, and clean with normal absorption rate
- Case of existing substrate; check bonding. Remove peel-off paint and de-bonded tiles and lay the new ones. Clean off any excess dirt and laitance.
- In case of porous substrate with high absorption, dampen the surface before tiling
- For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before tiling

#### Mixing

Mixing **webertai no stain** in water with the ratio of 1 : 3 by volume (1 part of water + 3 parts of **webertai no stain**). Using slow-speed electric mixer to mix or gradually mix by hand until obtaining homogeneous lump-free paste. Leave for 3 – 4 minutes for chemical curing before using.

#### Tiling

1. Using notched trowel to spread tile adhesive onto substrate
2. Back buttering to get anti- efflorescent Property
3. Placing tiles on tile adhesive and knock gradually with rubber hammer
4. Clean the excess tile adhesive on tile surface
5. Tiles can be adjusted within 15 minutes after laying
6. Leave for 24 hours before grouting

#### SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

### TECHNICAL DATA

Type	High performance tile adhesive
Density of powder	1.40 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	4 hours
Open time	20 - 30 minutes
Adjusting time	15 minutes
Recommended thickness	2 – 10 mm
Waiting time before grouting	24 hours

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

### CERTIFIED STANDARD

International/European standard	Standard	Result
Initial tensile adhesion strength ISO 13007 part 2-4.4.4.2 or EN 1348-8.2	≥ 1.0 N/mm <sup>2</sup>	2.48 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion ISO 13007 part 2-4.4.4.3 or EN 1348-8.3	≥ 1.0 N/mm <sup>2</sup>	1.18 N/mm <sup>2</sup>
Open time tensile adhesion strength ISO 13007 Part 2-4 or EN 1346	≥ 0.5 N/ mm <sup>2</sup>	1.38 N/mm <sup>2</sup>
American Standard ANSI A118.4	Standard	Result
Shear strength according to ANSI A 118.4 – 2012		
- To glazed wall tiles	7 days > 2.07 MPa	2.61 MPa
- To porcelain mosaics	1 day > 0.50 MPa	1.62 MPa
	7 days > 1.38 MPa	3.60 MPa
	28 days > 1.38 MPa	3.20 MPa
	84 days > 1.38 MPa	3.97 MPa
- To quarry tiles	28 days > 1.03 MPa	3.44 MPa
Water immersion shear strength according to ANSI A 118.4 – 2012		
- To glaze wall tiles	7 days > 1.38 MPa	3.52 MPa
- To porcelain mosaic	7 days > 1.03 MPa	2.31 MPa
Freeze-thaw shear strength according to ANSI A 118.4-2012		
- To porcelain mosaics	28 days > 1.21 MPa	1.89 MPa
- To quarry tiles	28 days > 0.69 MPa	2.50 MPa



# Tile Adhesives



Ready-to-use paste tile adhesive for tiling on interior walls in dry areas



## weberfix pro



Fixing S-M size tiles on internal walls of dry areas.



DIY. Ready to use



Laying tiles on internal existing wall tiles



Flexible: suitable to use on woods, woods-cement boards



Ideal for renovation works



Low VOCs

**weberfix pro** is ready to use paste tile adhesive using to fix small to medium size tiles on cement and special substrates such as woods, wood-cement boards, fiber-cement boards, and good for tiling on existing wall tiles in dry areas

### • SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bucket

- **SUITABLE FOR :** ceramic tiles, ceramic mosaics, glass mosaics, resin mosaics, natural-stone mosaics, and artificial stones
- **PACKAGING :** 3 kg and 15 kg bucket
- **COLOR :** white
- **COVERAGE :** average 3 m<sup>2</sup>/ 3 kg bucket  
average 15 m<sup>2</sup>/ 15 kg bucket

### • APPLICATION

#### Substrate preparation

- New substrate should be sound, level, and clean with normal absorption rate
- Case of existing substrate; check bonding. Remove peel-off paint and de-bonded tiles and lay the new ones. Clean off any excess dirt and laitance.
- In case of porous substrate with high absorption, dampen the surface before tiling
- For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before tiling

#### Mixing

**weberfix pro** is ready to use

#### Tiling

1. Using notched trowel to spread tile adhesive onto substrate
2. Back buttering in case of laying tile bigger than 10 x 10 inches
3. Placing tiles on tile adhesive and knock gradually with rubber hammer
4. Clean the excess tile adhesive on tile surface
5. Tiles can be adjusted within 15 minutes after laying
6. Leave for 24 hours before grouting

### TECHNICAL DATA

Type	Paste tile adhesive
Density	1.70 g/cm <sup>3</sup>
Open time	20 - 30 minutes
Adjusting time	10 - 15 minutes
Recommended thickness	0.5 - 4.0 mm
Waiting time before grouting	24 hours

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

### CERTIFIED STANDARD

International/European standard	Standard	Result
Initial shear adhesion strength ISO 13007 part 2-4.4.3.4 or EN 1348-7.2	≥ 1 N/mm <sup>2</sup>	2.20 N/mm <sup>2</sup>
Shear adhesion strength after heat aging ISO 13007 part 2-4.3.6 or EN 1324-7.4	≥ 1 N/mm <sup>2</sup>	2.80 N/mm <sup>2</sup>
Open time tensile adhesion strength ISO 13007 part 2-4.1 or EN 1346	≥ 0.5 N/mm <sup>2</sup>	0.85 N/mm <sup>2</sup>



**Ready-to-use paste tile adhesive for tiling on interior walls in both dry and humid areas**



## weberfix plus



Fixing small to medium size tiles on bathroom and kitchen walls



DIY. Ready to use



Laying tiles on internal existing wall tiles



Flexible: suitable to use on woods, woods-cement boards



Ideal for renovation works



Low VOCs

**weberfix plus** is ready to use paste tile adhesive using to fix small to medium size tiles on cement and special substrates such as woods, wood-cement boards, fiber-cement boards, and good for tiling on existing wall tiles in dry and humid areas

- **SUITABLE FOR :** ceramic tiles, ceramic mosaics, glass mosaics, resin mosaics, natural-stone mosaics, and artificial stones
- **PACKAGING :** 1 kg, 3 kg, and 15 kg bucket
- **COLOR :** white
- **COVERAGE :** average 1 m<sup>2</sup>/ 1 kg bucket  
average 3 m<sup>2</sup>/ 3 kg bucket  
average 15 m<sup>2</sup>/ 15 kg bucket

### • APPLICATION

#### Substrate preparation

- New substrate should be sound, level, and clean with normal absorption rate
- Case of existing substrate; check bonding. Remove peel-off paint and de-bonded tiles and lay the new ones. Clean off any excess dirt and laitance.
- In case of porous substrate with high absorption, dampen the surface before tiling
- For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before tiling

#### Mixing

**weberfix plus** is ready to use

#### Tiling

1. Using notched trowel to spread tile adhesive onto substrate
2. Back buttering in case of laying tile bigger than 10 x 10 inches
3. Placing tiles on tile adhesive and knock gradually with rubber hammer
4. Clean the excess tile adhesive on tile surface
5. Tiles can be adjusted within 15 minutes after laying
6. Leave for 24 hours before grouting

### • SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bucket

### TECHNICAL DATA

Type	Paste tile adhesive
Density	1.70 g/cm <sup>3</sup>
Open time	20 - 30 minutes
Adjusting time	10 - 15 minutes
Recommended thickness	0.5 - 4.0 mm
Waiting time before grouting	24 hours

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

### CERTIFIED STANDARD

International/European standard	Standard	Result
Initial shear adhesion strength ISO 13007 part 2-4.4.3.4 or EN 1348-7.2	≥ 1.0 N/mm <sup>2</sup>	3.30 N/mm <sup>2</sup>
Shear adhesion strength after heat aging ISO 13007 part 2-4.3.6 or EN 1324-7.4	≥ 1.0 N/mm <sup>2</sup>	3.60 N/mm <sup>2</sup>
Shear adhesion strength after water immersion ISO 13007 part 2-4.3.5 or EN 1324-7.3	≥ 0.5 N/mm <sup>2</sup>	0.65 N/mm <sup>2</sup>
Open time tensile adhesion strength ISO 13007 part 2-4.1 or EN 1346	≥ 0.5 N/mm <sup>2</sup>	1.10 N/mm <sup>2</sup>





# Selection of tile adhesive according to applications



TYPE OF TILE ADHESIVE	Laying ceramic tiles size up to 60 X 60 cm on floors	General tile adhesive	Standard tile adhesive	High quality tile adhesive	Tile adhesive for marbles, granites and artificial stones	High performance tile adhesive
<b>Tiles</b>						
Ceramic tiles, clay tiles	●	●	●	●	●	●
Granito tiles			●	●	●	●
Marbles, granites, natural stones				●	●	●
Glass mosaics, resin mosaics						●
<b>Tiles size</b>						
Small to medium 10 x 10 to 40 x 40 cm	●	●	●	●	●	●
Large 50 x 50 & 60 x 60 cm			●	●	●	●
Very large > 60 x 60 cm						●
<b>Tiles surface</b>						
Rough cement	●	●	●	●	●	●
Polished cement				●	●	●
Painted walls						●
Internal existing tiles						● (Living Room)
External existing tiles						
Lightweight blocks						
Gypsum boards*						
Woods*, cement-fiber boards*, Viva boards*, Flexy boards*						
Metal, polyester, steel, aluminum						
<b>Application areas</b>						
Living areas, bedrooms, offices, lobbies	●	●	●	●	●	●
Bathrooms, kitchens, washing areas	●	●	●	●	●	●
External walls maximum 6 m high		●	●	●	●	●
External walls maximum 8 m high			●	●	●	●
Swimming pools, spas, saunas				●		●
External walls 8 – 28 m high						
Car parks, supermarkets, industrial areas						

**Remark :** apply **weberprim 2** primer on special substrates\* before tiling and make sure to frame and brace with screw for every area of 900 cm (30 x 30 cm)







# Tile Grouts



General purpose tile grout



## webercolor classic



For joint width between 1 to 6 mm



Low VOCs



Resist to general cleaning agents

**webercolor classic** is general purpose tile grout for floors and walls in general areas

● **PACKAGING :** 1 kg bag

● **COLOR :** 20 colors

G-01 white	G-28 light cream	G-05 light yellow	G-13 pink	G-07 light green
G-21 flora	G-08 cream	G-32 coffee	G-33 terracotta	G-27 green
G-04 grey	G-14 smoke grey	G-42 brown	G-09 orange	G-06 light blue
G-44 black	G-18 beige	G-52 chocolate	G-29 clay brick	G-26 blue

\*These color presentations are as close as printing techniques permit. It is recommended to use the actual grout presenter for final selection.

● **COVERAGE :** average 5 m<sup>2</sup>/1 kg bag

### ● APPLICATION

#### Substrate preparation

- Properly clean the joints until free from any dirt to make sure of good bonding and color uniformity

#### Mixing

- Put clean water in mixing bucket  
- Gradually add **webercolor classic** into the water with the ratio of 1 : 2.5 by volume (1 part of water + 2.5 part of the grout) and mix until obtaining homogeneous lump-free paste  
- Leave the mixture for 3 – 4 minutes for chemical curing  
- The mixture of **webercolor classic** can be used within 30 minutes after mixing when placing in shade

#### Grouting

- Use rubber trowel or grout trowel to diagonally fill up the joints.  
- Wipe off excess grout with damp sponge before the grout sets.  
- Leave for 2 hours and then clean tiles' surface with clean cloth  
- Wait for 24 hours before traffic to ensure good bonding of the grout

### ● SHELF LIFE AND STORAGE

18 months after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

### TECHNICAL DATA

Type	Cementitious grout
Density of powder	0.9 – 1.1 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	30 minutes
Waiting time after tiling before grouting	24 hours
Recommended joint width	1 – 6 mm
Time before traffic	24 hours

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

### CERTIFIED STANDARD

International/European standard	Standard	Result
Abrasion resistance ISO 13007 part 4-4.4 or EN 12808-2	≤ 2,000 mm <sup>3</sup>	212 mm <sup>3</sup>
Flexural strength under standard condition ISO 13007 part 4-4.1.3 or EN 12808-3	≥ 2.5 N/mm <sup>2</sup>	4.77 N/mm <sup>2</sup>
Compressive strength under standard condition ISO 13007 part 4-4.1.4 or EN 12808-3	≥ 15.0 N/mm <sup>2</sup>	19.75 N/mm <sup>2</sup>
Shrinkage ISO 13007 part 4-4.3 or EN 12808-4	≤ 3 mm/m	1.04 mm/m
Water absorption after 30 minutes ISO 13007 part 4-4.2 or EN 12808-5	≤ 5 g	2.27 g






# Tile Grouts



**Anti-fungus tile grout ideal for bathrooms and kitchens**



## webercolor power

-  **1-6 MM** For joint width between 1 to 6 mm without crack
-  **Resist to general cleaning agents**
-  **Anti-bacteria, black mold and algae**



**Low porosity: anti-dirt**



**Green label**



**Low VOCs**

**webercolor power** hygienic, cementitious joint helping to protect against bacteria, fungi and microorganisms growing thanks to its special formula with additives based on Ionic Silver. This makes this product suitable for grouting of toilets, kitchens and any other residential or common areas

● **PACKAGING :** 1 kg bag

● **COLOR :** 25 colors

PO-111 snow	PO-116 charcoal	PO-126 vanilla	PO-153 wood	PO-154 stone
PO-112 steel	PO-121 light	PO-127 metallic	PO-155 rock	PO-141 coral
PO-113 ivory	PO-122 pear	PO-128 mefil	PO-156 pottery	PO-132 sea
PO-114 iron	PO-123 moon	PO-151 puddly	PO-157 sand	PO-133 marine
PO-115 granite	PO-124 lemon	PO-152 earth	PO-125 orange	PO-164 leaf

\*These color presentations are as close as printing techniques permit. It is recommended to use the actual grout presenter for final selection.

● **COVERAGE :** average 5 m<sup>2</sup>/ 1 kg bag

### ● APPLICATION

#### Substrate preparation

- Properly clean the joints until free from any dirt to make sure of good bonding and color uniformity

#### Mixing

- Put clean water in mixing bucket
- Gradually add **webercolor power** into the water with the ratio of 1:2.5 by volume (1 part of water + 2.5 part of the grout) and mix until obtaining homogeneous lump-free paste
- Leave the mixture for 3 – 4 minutes for chemical curing
- The mixture of **webercolor power** can be used within 30 minutes after mixing when placing in shade

#### Grouting

- Use rubber trowel or grout trowel to diagonally fill up the joints.
- Wipe off excess grout with damp sponge before the grout sets.
- Leave for 2 hours and then clean tiles' surface with clean cloth
- Wait for 24 hours before traffic to ensure good bonding of the grout

### ● SHELF LIFE AND STORAGE

18 months after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

### TECHNICAL DATA

Type	Cementitious grout
Density of powder	0.9 – 1.1 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	30 minutes
Waiting time after tiling before grouting	24 hours
Recommended joint width	1 – 6 mm
Time before traffic	24 hours

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

### CERTIFIED STANDARD

International/European standard	Standard	Result
Flexural strength under standard condition ISO 13007 part 4-4.1.3 or EN 12808-3	≥ 2.5 N/mm <sup>2</sup>	4.15 N/mm <sup>2</sup> (42.32 ksc)
Compressive strength under standard condition ISO 13007 part 4-4.1.4 or EN 12808-3	≥ 15.0 N/mm <sup>2</sup>	16.81 N/mm <sup>2</sup> (17140 ksc)
Shrinkage ISO 13007 part 4-4.3 or EN 12808-4	≤ 3.0 mm/m	2.24 mm/m
Water absorption after 30 minutes ISO 13007 part 4-4.2 or EN 12808-5	≤ 5.0 g	2.30 g
Water absorption after 240 minutes ISO 13007 part 4-4.2 or EN 12808-5	≤ 10 g	5.90 g
American standard/ANSI A118.6 (Unsaned)	Standard	Result
Linear Shrinkage	< 0.30 %	0.27 %
Water Absorption	< 18 %	16 %
Compressive Strength	1 day 28 day	> 500 psi > 3000 psi 748 psi 3,065 psi
Tensile Strength	28 day	> 250 psi 452 psi
Flexural Strength	28 day	> 500 psi 952 psi



# Tile Grouts



Special tile grout for very narrow joint  
0.2 – 3 mm with anti-fungus property



## webercolor slim



For joint width  
between 0.2-3 mm.



Flowable giving good  
adhesion with the  
grouted joints



Low porosity: anti-dirt



Anti black mold  
and fungus



For granito tiles,  
marble and granites



Low VOCs

**webercolor slim** is special tile grout for very narrow joint width with anti-fungus and anti-dirt properties giving good bonding ideal for grouting floors and walls of large size tiles, granito tiles, marbles, and granites

● **PACKAGING :** 1 kg bag

● **COLOR :** 7 colors

SL-211	white	SL-214	light grey	SL-215	dark grey	SL-216	black
SL-221	cream	SL-252	light brown	SL-255	dark brown		

\*These color presentations are as close as printing techniques permit. It is recommended to use the actual grout presenter for final selection.

● **COVERAGE :** average 19 m<sup>2</sup>/ 1 kg bag

### ● APPLICATION

#### Substrate preparation

- Properly clean the joints until free from any dirt to make sure of good bonding and color uniformity

#### Mixing

- Put clean water in mixing bucket
- Gradually add **webercolor slim** into the water with the ratio of 1 : 2.5 by volume (1 part of water + 2.5 part of the grout) and mix until obtaining homogeneous lump-free paste
- Leave the mixture for 3 – 4 minutes for chemical curing
- The mixture of **webercolor slim** can be used within 30 minutes after mixing when placing in shade

#### Grouting

- Use rubber trowel or grout trowel to diagonally fill up the joints.
- Wipe off excess grout with damp sponge before the grout sets.
- Leave for 2 hours and then clean tiles' surface with clean cloth
- Wait for 24 hours before traffic to ensure good bonding of the grout

### ● SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

### TECHNICAL DATA

Type	Cementitious grout
Density of powder	0.85 – 0.95 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	30 minutes
Waiting time after tiling before grouting	24 hours
Recommended joint width	0.2 – 3 mm
Time before traffic	24 hours

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

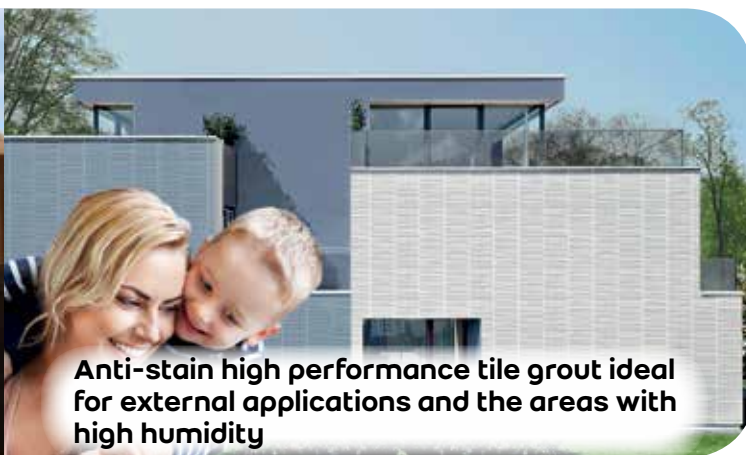
### CERTIFIED STANDARD

International/European standard	Standard	Result
Flexural strength under standard condition ISO 13007 part 4-4.1.3 or EN 12808-3	≥ 2.5 N/mm <sup>2</sup>	4.80 N/mm <sup>2</sup> (48.92 ksc)
Compressive strength under standard condition ISO 13007 part 4-4.1.4 or EN 12808-3	≥ 15.0 N/mm <sup>2</sup>	20.33 N/mm <sup>2</sup> (207.26 ksc)
Shrinkage ISO 13007 part 4-4.3 or EN 12808-4	≤ 3 mm/m	2.52 mm/m
Water absorption after 30 minutes ISO 13007 part 4-4.2 or EN 12808-5	≤ 5 g	0.97 g
Water absorption after 240 minutes ISO 13007 part 4-4.2 or EN 12808-5	≤ 10 g	1.45 g
American standard/ANSI A118.6 (Unsanded)	Standard	Result
Linear Shrinkage	< 0.30 %	0.21 %
Water Absorption	< 18 %	12 %
Compressive Strength		
1 day	> 500 psi	1,986 psi
28 day	> 3000 psi	4,322 psi
Tensile Strength	28 day	> 250 psi
		515 psi
Flexural Strength	28 day	> 500 psi
		1,188 psi





# Tile Grouts



Anti-stain high performance tile grout ideal for external applications and the areas with high humidity



## webercolor no stain



For 0.2-6 mm joint width



For granitio tiles, marble, granites and natural stones



Anti-efflorescent and white stain



Ideal for laying tiles in areas with high humidity



Anti black mold and fungus



Low VOCs

**webercolor no stain** is anti-stain high performance tile grout with anti-fungus and anti-dirt properties for grouting external tiles and stones in the areas with high humidity like fountains, signboards, columns, stairs & steps, external floors and walls.

\* Recommend to use together with anti-stain tile adhesive **webertai no stain**

- **PACKAGING :** 1 kg bag
- **COLOR :** white / grey
- **COVERAGE :** average 19 m<sup>2</sup> / 1 kg bag

### ● APPLICATION

#### Substrate preparation

- Properly clean the joints until free from any dirt to make sure of good bonding and color uniformity

#### Mixing

- Put clean water in mixing bucket
- Gradually add **webercolor no stain** into the water with the ratio of 1 : 2.5 by volume (1 part of water + 2.5 part of the grout) and mix until obtaining homogeneous lump-free paste
- Leave the mixture for 3 – 4 minutes for chemical curing
- The mixture of **webercolor no stain** can be used within 30 minutes after mixing when placing in shade

#### Grouting

- Use rubber trowel or grout trowel to diagonally fill up the joints.
- Wipe off excess grout with damp sponge before the grout sets.
- Leave for 2 hours and then clean tiles' surface with clean cloth
- Wait for 24 hours before traffic to ensure good bonding of the grout

### ● SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

### TECHNICAL DATA

Type	Cementitious grout
Density of powder	0.9 – 1.1 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	30 minutes
Waiting time after tiling before grouting	24 hours
Recommended joint width	0.2 – 6 mm
Time before traffic	24 hours

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

### CERTIFIED STANDARD

International/European standard	Standard	Result
Flexural strength under standard condition ISO 13007 part 4-4.1.3 or EN 12808-3	≥ 2.5 N/mm <sup>2</sup>	7.13 N/mm <sup>2</sup> (72.7 ksc)
Compressive strength under standard condition ISO 13007 part 4-4.1.4 or EN 12808-3	≥ 15.0 N/mm <sup>2</sup>	25.26 N/mm <sup>2</sup> (257.5 ksc)
Shrinkage ISO 13007 part 4-4.3 or EN 12808-4	≤ 3 mm/m	1.44 mm/m
Water absorption after 30 minutes ISO 13007 part 4-4.2 or EN 12808-5	≤ 5 g	0.61 g
Water absorption after 240 minutes ISO 13007 part 4-4.2 or EN 12808-5	≤ 10 g	0.92 g



# Tile Grouts



## Tile adhesive and anti-fungus tile grout for mosaics



### webercolor mosaic



2-in-1 being both adhesive and grout



White and creamy texture suitable for any mosaics



Anti black mold and fungus



Low VOCs

**webercolor mosaic** is both adhesive and grout for laying mosaics with anti-fungus and anti-dirt properties, white and creamy texture ideally for laying ceramic mosaics, glass mosaics, resin mosaics, and stone mosaics

- **PACKAGING :** 3 kg bag
- **COLOR :** white
- **COVERAGE :** average 1 m<sup>2</sup> / 3 kg bag
- **APPLICATION**

#### Substrate preparation

- Properly clean the joints until free of any dirt to make sure of bonding and
- Properly clean the joints until free of any dirt to make sure of bonding and color uniformity

#### Mixing

- Put clean water in mixing bucket
- Gradually add **webercolor mosaic** into the water with the ratio of 1 : 2 by volume (1 part of water + 2 part of the grout) and mix until obtaining homogeneous lump-free paste
- Leave the mixture for 3 – 4 minutes for chemical curing
- The mixture of **webercolor mosaic** can be used within 2 hours after mixing when placing in shade

#### Tiling and grouting

- Use notched trowel to spread the mixture onto substrates
- Place the mosaics on and press firmly
- Wipe off excess mixture out of the mosaic joints
- Leave for 2 hours for setting
- The joints must be dry and clean before grouting
- Diagonally fill up the joints
- Wipe off excess grout with damp sponge and leave for 2 hours, and then clean the surface with clean cloth
- Wait for 24 hours before traffic

*\*in case of laying mosaic being stick on paper, wipe with damp sponge and peel the paper off 1 – 2 hours after laying before grouting*

#### ● SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

### TECHNICAL DATA

Type	Cementitious grout
Density of powder	0.90 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	2 hours
Waiting time after tiling before grouting	2 hours
Time before traffic	24 hours

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

### CERTIFIED STANDARD

International standard / ISO 13007 European standard / EN 12004	Standard	Result
Initial tensile adhesion strength ISO 13007 part 2-4.4.4.2 or EN 1348-8.2	> 10 N/mm <sup>2</sup>	1.58 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion ISO 13007 part 2-4.4.4.3 or EN 1348-8.3	> 1.0 N/mm <sup>2</sup>	1.24 N/mm <sup>2</sup>
Open time tensile adhesion strength ISO 13007 part 2-4.1 or EN 1346	> 0.5 N/mm <sup>2</sup>	0.55 N/mm <sup>2</sup>
International standard / ISO 13007 European standard / EN 13888	Standard	Result
Abrasion resistance ISO 13007 part 4 - 4.4 or EN 12808-2	< 2,000 mm <sup>3</sup>	67 mm <sup>3</sup>
Shrinkage ISO 13007 part 4 - 4.3 or EN 12808-4	≤ 3 mm/m	182 mm/m
Water absorption after 30 minutes ISO 13007 part 4 - 4.2 or EN 12808-5	≤ 5 g	3.06 g
Water absorption after 240 minutes ISO 13007 part 4 - 4.2 or EN 12808-5	≤ 10 g	5.07 g



# Tile Grouts



**Anti-fungus tile grout for wide joints  
suitable for grouting glass blocks  
and clay tiles**



## webercolor plus



For 5-20 mm joint  
width



Ideal for grouting glass  
blocks and clay tiles



Low VOCs



Anti black mold  
and fungus



Low absorption of  
water and any stain

**webercolor plus** is special tile grout for wide joints with anti-fungus and anti-dirt properties giving good bonding to wide joint suitable to use with glass blocks and clay tiles on both floors and walls

● **PACKAGING :** 1 kg bag

● **COLOR :** 4 colors

white grey cream cray brick

\*These color presentations are as close as printing techniques permit.  
It is recommended to use the actual grout presenter for final selection.

● **COVERAGE :** average 1 m<sup>2</sup>/ 1 kg bag

### ● APPLICATION

#### Substrate preparation

- Properly clean the joints until free from any dirt to make sure of good bonding and color uniformity

#### Mixing

- Put clean water in mixing bucket  
- Gradually add **webercolor plus** into the water with the ratio of 1 : 2.5 by volume (1 part of water + 2.5 part of the grout) and mix until obtaining homogeneous lump-free paste  
- Leave the mixture for 3 – 4 minutes for chemical curing  
- The mixture of **webercolor plus** can be used within 30 minutes after mixing when placing in shade

#### Grouting

- Use rubber trowel or grout trowel to diagonally fill up the joints.  
- Wipe off excess grout with damp sponge before the grout sets.  
- Leave for 2 hours and then clean tiles' surface with clean cloth  
- Wait for 24 hours before traffic to ensure good bonding of the grout

### ● SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

### TECHNICAL DATA

Type	Cementitious grout
Density of powder	1.2 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	20-30 minutes
Waiting time after tiling before grouting	24 hours
Recommended joint width	5 – 20 mm
Time before traffic	24 hours

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

### CERTIFIED STANDARD

International/European standard	Standard	Result
Abrasion resistance ISO 13007 part 4-4.4 or EN 12808-2	< 2,000 mm <sup>3</sup>	1.611 mm <sup>3</sup>
Flexural strength under standard condition ISO 13007 part 4-4.1.3 or EN 12808-3	≥ 2.5 N/mm <sup>2</sup>	3.85 N/mm <sup>2</sup>
Compressive strength under standard condition ISO 13007 part 4-4.1.4 or EN 12808-3	≥ 15.0 N/mm <sup>2</sup>	16.23 N/mm <sup>2</sup>
Shrinkage ISO 13007 part 4-4.3 or EN 12808-4	≤ 3 mm/m	1.18 mm/m
Water absorption after 30 minutes ISO 13007 part 4-4.2 or EN 12808-5	≤ 5 g	2.68 g
Water absorption after 240 minutes ISO 13007 part 4-4.2 or EN 12808-5	≤ 10 g	4.90 g





# Tile Grouts



**Heavy-duty and flexible tile grout  
ideal for external applications**



## webercolor outside



For 3-12 mm joint width



Ideal for industrial areas, external walls of high-rise building, external floors and car parks



Anti black mold and fungus



Suitable for high deformable substrates like gypsum boards, plywood, cement-fiberboards



Low absorption of water and any stain



Low VOCs

**webercolor outside** is heavy-duty flexible tile grout suitable to use on external floors and walls, car parks, and deformable substrates

- **PACKAGING :** 1 kg bag
- **COLOR :** white / grey
- **COVERAGE :** average 1 m<sup>2</sup> / 1 kg bag

### ● APPLICATION

#### Substrate preparation

- Properly clean the joints until free from any dirt to make sure of good bonding and color uniformity

#### Mixing

- Put clean water in mixing bucket
- Gradually add **webercolor outside** into the water with the ratio of 1: 2.5 by volume (1 part of water + 2.5 part of the grout) and mix until obtaining homogeneous lump-free paste
- Leave the mixture for 3 – 4 minutes for chemical curing
- The mixture of **webercolor outside** can be used within 30 minutes after mixing when placing in shade

#### Grouting

- Use rubber trowel or grout trowel to diagonally fill up the joints.
- Wipe off excess grout with damp sponge before the grout sets.
- Leave for 2 hours and then clean tiles' surface with clean cloth
- Wait for 24 hours before traffic to ensure good bonding of the grout

### ● SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

### TECHNICAL DATA

Type	Cementitious grout
Density of powder	1.2 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	20-30 minutes
Waiting time after tiling before grouting	24 hours
Recommended joint width	3 – 12 mm
Time before traffic	24 hours

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

### CERTIFIED STANDARD

International/European standard	Standard	Result
Abrasion resistance ISO 13007 part 4-4.4 or EN 12808-2	≤ 2,000 mm <sup>3</sup>	74 mm <sup>3</sup>
Flexural strength under standard condition ISO 13007 part 4-4.1.4 or EN 12808-3	≥ 2.5 N/mm <sup>2</sup>	6.80 N/mm <sup>2</sup>
Compressive strength under standard condition ISO 13007 part 4-4.1.4 or EN 12808-3	≥ 15.0 N/mm <sup>2</sup>	17.80 N/mm <sup>2</sup>
Shrinkage ISO 13007 part 4-4.3 or EN 12808-4	≤ 3 mm/m	1.95 mm/m
Water absorption after 30 minutes ISO 13007 part 4-4.2 or EN 12808-5	≤ 5 g	4.80 g
Water absorption after 240 minutes ISO 13007 part 4-4.2 or EN 12808-5	≤ 10 g	9.42 g





# Tile Grouts



**High resistance tile grout for swimming pools, spas, steam rooms, and saunas**



## webercolor HR



Resist to water pressure



Resist to concentrate chemical agents like chlorine



Resist to temperature from -40°C to +100°C



For 2-10 mm joint width



Anti black mold and fungus

**webercolor HR** is high resistance tile grout specially designed to use in swimming pools, spas, and saunas providing resistance to water pressure and chlorine ideal for grouting in swimming pools, spas, saunas on both floors and walls

● **PACKAGING :** 3.7 kg and 18.5 kg bucket

● **COLOR :** 8 colors



\*These color presentations are as close as printing techniques permit. It is recommended to use the actual grout presenter for final selection.

● **COVERAGE :** average 4 m<sup>2</sup> / 3.7 kg bucket  
average 20 m<sup>2</sup>/18.5 kg bucket

### ● APPLICATION

#### Substrate preparation

- Properly clean the joints until free from any dirt to make sure of good bonding and color uniformity
- Avoid the application in direct sunlight, cover the areas to have shade when working

#### Mixing

- Put 1 admixture in mixing bucket
- Gradually add 1 **webercolor HR** into the bucket and mix until obtaining homogeneous lump-free paste
- The mixture of **webercolor HR** can be used within 20 – 30 minutes after mixing when placing in shade

#### Grouting

- Use rubber trowel or grout trowel to diagonally fill up the joints.
- Wipe off excess grout with damp sponge 10 – 20 minutes before the grout sets.
- Leave for 1 hours and then clean tiles' surface with clean cloth
- Wait 12 hours for the grout to set and then sprinkle water thoroughly for 2 – 3 days for curing
- Leave for 3 days before filling in with water for reaching high resistance property and good bonding

### ● SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bucket

## TECHNICAL DATA

Type	Cementitious grout
Density of powder	1.3 g/cm <sup>3</sup>
Chemical curing time	3 – 4 minutes
Pot life (in shade)	20 minutes
Waiting time after tiling before grouting	24 hours
Recommended joint width	2-10 mm
Waiting time before filling in with water	3 days

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

## CERTIFIED STANDARD

International/European standard	Standard	Result
Abrasion resistance ISO 13007 part 4-4.4 or EN 12808-2	≤ 2,000 mm <sup>3</sup>	297 mm <sup>3</sup>
Flexural strength under standard condition ISO 13007 part 4-4.1.3 or EN 12808-3	≥ 2.5 N/mm <sup>2</sup>	6.17 N/mm <sup>2</sup>
Compressive strength under standard condition ISO 13007 part 4-4.1.4 or EN 12808-3	≥ 15.0 N/mm <sup>2</sup>	27.29 N/mm <sup>2</sup>
Shrinkage ISO 13007 part 4-4.3 or EN 12808-4	≤ 3 mm/m	1.29 mm/m
Water absorption after 30 minutes ISO 13007 part 4-4.2 or EN 12808-5	≤ 5 g	0.07 g
Water absorption after 240 minutes ISO 13007 part 4-4.2 or EN 12808-5	≤ 10 g	0.23 g



# Tile Grouts



**Robust epoxy tile adhesive and grout resist to chemicals and high acidity**



## webercolor poxy



For 2-12 mm joint width



Anti-bacteria/Anti black mold and fungus



Resist to temperature from -40°C to +100°C



2-in-1 being both adhesive and grout



Resist to concentrate chemical agents like chlorine



Low VOCs



Resist to water pressure

**webercolor poxy** is 2-component epoxy-based paste tile adhesive and tile grout resisting to high-concentration chemicals and water pressure with anti-infection property suitable to use on both floors and walls in swimming pools, food stores, food & beverage industries, laboratories, hospitals, and industrial areas.

● **PACKAGING :** 5 kg bucket

● **COLOR :** 4 colors



● **COVERAGE :** average 1.5 /5 kg bucket (for using as tile adhesive & tile grout)

### ● APPLICATION

#### Substrate preparation

- Properly clean the joints until free from any dirt to make sure of good bonding and color uniformity

#### Mixing

- Mix 2 components together with the ratio of upper part : lower part = 1 : 3.5 stir well  
- Stand the mixture for 3 – 4 minutes for chemical curing  
- The mixture of **webercolor poxy** can be used within 30 minutes after mixing when placing in shade

#### Grouting

- Use rubber trowel or grout trowel to diagonally fill up the joints.  
- Wipe off excess grout with warm damp sponge 15 – 20 minutes after grouting (on the area of 1 m<sup>2</sup> approximately)  
- Clean off excess grout again by damp sponge (water mixed with dishwashing liquid 1:100 Ratio by volume)  
- Clean off entire tiles' surface by damp sponge (water mixed with dishwashing)  
- Wait for 4 – 8 hours before traffic for the grout to set  
- Optimum hardening time to gain chemical resistance is 4 days at 20°C or 8 days at 10°C

### ● APPLICATION AREAS

#### Chemical industries

- Laboratory, productions area, warehouse, paper mill, tannery, painting plant, waste treatment plant, battery room

#### Food industries

- Food and beverage plants, slaughter house, food store, laboratory, dairy

#### Hospitals

- Operation room, clinic, shower area, sanitary kitchen

#### Swimming pools

- shower room, toilet, public bathroom  
- Pool, sauna, spa

### ● SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bucket

## TECHNICAL DATA

Type	Epoxy grout
Pot life (in shade)	30 minutes
Hardening time	4 – 8 hours
Optimum time for chemical resistance	4 days at 20°C or 8 days at 10°C
Temperature resistance	- 40°C to + 100°C Up to + 180°C in case of thermal shock
Bonding strength in dry condition	> 3 N/mm <sup>2</sup>
Bonding strength in wet condition	> 3 N/mm <sup>2</sup>
pH	10-11

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions



# Tile Grouts

## CERTIFIED STANDARD

### Epoxy Adhesive

International/European standard	Standard	Result
Initial shear adhesion strength ISO13007 part 2-4.3.4 or EN 12003-7.2	$\geq 2 \text{ N/mm}^2$	8.4 N/mm <sup>2</sup>
Shear adhesion strength after water immersion ISO13007 part 2-4.3.5 or EN 12003-7.3	$\geq 2 \text{ N/mm}^2$	7.4 N/mm <sup>2</sup>
Shear adhesion strength after thermal shock ISO13007 part 2-4.3.8 or EN 12003-7.5	$\geq 2 \text{ N/mm}^2$	9.9 N/mm <sup>2</sup>
Open time tensile adhesion strength ISO13007 part 2-4.1 or EN 1346	$\geq 0.5 \text{ N/mm}^2$	4.2 N/mm <sup>2</sup>

## CERTIFIED STANDARD

### Epoxy Grout

International/European standard	Standard	Result
Abrasion resistance ISO 13007 part 4-4.4 or EN 12808-2	$\leq 250 \text{ mm}^3$	67 mm <sup>3</sup>
Flexural strength under standard condition ISO 13007 part 4-4.1.3 or EN 12808-3	$\geq 30 \text{ N/mm}^2$	30 N/mm <sup>2</sup>
Compressive strength under standard condition ISO 13007 part 4-4.1.4 or EN 12808-3	$\geq 45 \text{ N/mm}^2$	64.38 N/mm <sup>2</sup>
Shrinkage ISO 13007 part 4-4.3 or EN 12808-4	$\leq 1.5 \text{ mm./m}$	0.46 mm./m
Water absorption after 240 minutes ISO 13007 part 4-4.2 or EN 12808-5	$\leq 0.1 \text{ g}$	0.00 g

## Chemical resistance table

Key :

+
(+)
-

**webercolor poxy**

**webercolor poxy**

**webercolor poxy**

is unaffected by the material.

is unaffected by the material with short contact.

is not resistant to the material.

### Resistance to acids

Product	Concentration	Frequent exposure 20°C	Occasional exposure 20°C
Acetic	2.5%	(+)	(+)
Acetic	10%	-	-
Lactic	2.5%	+	+
Lactic	10%	(+)	(+)
Oleic	100%	-	(+)
Sulphuric	50%	(+)	+
Sulphuric	75%	-	(+)
Citric	10%	+	+
Citric	20%	+	+
Nitric	20%	(+)	+

### Resistance to alkalis, salts etc.

Product	Concentration	Frequent exposure 20°C	Occasional exposure 20°C
Sodium Hypochlorite	6.4 g/liter	(+)	+
Caustic Soda	10%	+	+
Caustic Soda	2.5%	+	+
Potassium Hydroxide	30%	+	+
Ammonia Solution	30%	+	+
Potassium Sulphate	25%	+	+
Ammonium Sulphate	10%	+	+
Sodium Chloride	10%	+	+
Potassium Chloride	10%	+	+
Ammonium Chloride	10%	+	+

### Resistance to oils and greases\*

	Frequent exposure 20°C	Occasional exposure 20°C
Heavy Oil	+	+
Light Heating Oil	+	+
Paraffin	+	+
Red Diesel	+	+
White Diesel	+	+
Vegetable Oil	+	+
Olive Oil	+	+
Petrol	+	+
White Spirit	+	+
Motor Oil	+	+

### Resistance to solutions

	Frequent exposure 20°C	Occasional exposure 20°C
Acetone	-	-
Ethylene Glycol	+	+
Glycerine	+	+
Methanol	+	+
Methylcellulose	-	-
Perchloroethylene	-	-
Trichloroethylene	-	-
Dichloromethane	-	-
Benzyl Alcohol	(+)	+
Dibutylphthalate	(+)	+





# Tile Grouts



**Glitter resin epoxy grout. Excellent stain & chemical resistance properties**



## webershine armor



Premixed glitter



Anti-bacteria,  
black mold and algae.  
Stain resistant



2 Components



Chemical resistant



Easy to apply  
and clean



For joint width  
between 2 to 14 mm.

**webershine armor** is a two component, 100% solid, glitter based reaction resin epoxy grout which is acid resistant. **webershine armor** is formulated with selective size of glitter along with reflective, spherical filler in combination with epoxy resin & polymer to allow the light to pass through grout itself to create a unique glittering appearance. It can be used with ceramic tiles, porcelain tiles, vitrified tiles, natural & artificial stone, marbles, glass tiles, glass mosaic tiles and granites, in different sizes of grout width.

● **PACKAGING:** 1 kg bucket

● **COLOR:** Gold, Silver & Copper

Gold

Silver

Copper

● **COVERAGE:** average 1 sqm. for mosaic size 2x2 cm.  
joint width 2 mm.  
average 8 sqm. for mosaic size 30x60 cm.  
joint width 2 mm.

● **APPLICATION**

### Substrate preparation

- Properly clean the joints until free from any dirt to make sure of good bonding and color uniformity

### Mixing

- Mix 2 components together with the ratio of hardener Part B : resin with glitter Part A = 1 : 8. Add hardener component B into the component A container and mix the content for 3-5 minutes with slow speed mixer ensuring proper mixing of the component.

- The mixture of **webershine armor** can be used within 30 minutes after mixing

- No water to be added to the mix.

Remark: Use personal protective equipment before mixing.

### Grouting

- Use rubber trowel or grout trowel to diagonally fill up the joints.

- Wipe off excess grout with warm damp sponge 15 – 20 minutes after grouting (on the area of 1 m<sup>2</sup> approximately)

- Clean off excess grout again by damp sponge (water mixed with dishwashing liquid 1:100 Ratio by volume)

- Clean off entire tiles surface by damp sponge (water mixed with dishwashing)

- The grouted area needs to be protected from dust and light foot traffic for minimum 24 hours. Heavy foot traffic to be allowed only after 3 days of grouting

### ● SHELF LIFE AND STORAGE

2 years after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bucket

### TECHNICAL DATA

Type	Epoxy grout
Component A Component B	Premixed resin with filler Light yellow hardener
Mixing ratio	Part A: Part B - 11.5 : 1 by weight Part A: Part B - 8 : 1 by volume
Consistency	Creamy paste consistency
Mixed density	1.60 gram/cm <sup>3</sup>
Adjustability time for adhesive	30 minutes
Setting for light foot traffic	24 hours
Full Cure	7 days

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

### CERTIFIED STANDARD

International/American standard	Standard	Result
Abrasion resistance @7days	ISO 13007-4	< 220 mm <sup>2</sup>
Flexural strength @7days	ISO 13007-4	> 35 Mpa
Compressive strength @7days	ISO 13007-4	>50 Mpa
Shrinkage	ISO 13007-4	<0.35 mm/m
Water absorption after 240 min	ISO 13007-4	<0.07 gm
Water clean ability	ANSI 118.3	> 85 minutes
Initial setting time	ANSI 118.3	Maximum 210 min
Service setting time	ANSI 118.3	< 7 days
Linear shrinkage	ANSI 118.3	< 0.1%
Sag in vertical joints	ANSI 118.3	No sag in vertical joints
Tensile Strength	ANSI 118.3	>8 Mpa
Thermal Shock	ANSI 118.3	>7 Mpa
Food Regulation Test	21 CFR175-300 US-FDA	Passes



# Tile Grouts



**High performance 100% solid epoxy translucent grout**



**weberpearl armor**



**Translucent Grout**



**Anti-bacteria, black mold and algae. Stain resistant**



**2 Components**



**Easy to apply and clean**



**Chemical resistant**



**For joint width between 2 to 14 mm.**

**weberpearl armor** is a 2 component, high performance 100% solid epoxy based tile/stone filler which allows light to pass through the grout itself to create an unique reflective appearance. It can be applied on horizontal & vertical, interior & exterior, dry wet & submerged conditions in residential & commercial areas. It can be used with ceramic tiles, porcelain tiles, vitrified tiles, glass mosaic tiles, natural & artificial stones and all types of marbles & granites. different sizes of grout width.

- **PACKAGING :** 1 kg bucket
- **COLOR :** Translucent white
- **COVERAGE :** average 1 sqm. for mosaic size 2x2 cm. joint width 2 mm.  
average 8 sqm. for mosaic size 30x60 cm. joint width 2 mm.

## ● APPLICATION

### Substrate preparation

- Properly clean the joints until free from any dirt to make sure of good bonding and color uniformity

### Mixing

- Mix 2 components together with the ratio of hardener Part B : resin with glitter Part A = 1 : 8. Add hardener component B into the component A container and mix the content for 3-5 minutes with slow speed mixer ensuring proper mixing of the component.
- The mixture of **weberpearl armor** can be used within 30 minutes after mixing
- No water to be added to the mix.

Remark: Use personal protective equipment before mixing.

### Grouting

- Use rubber trowel or grout trowel to diagonally fill up the joints.
- Wipe off excess grout with warm damp sponge 15 – 20 minutes after grouting (on the area of 1 m<sup>2</sup> approximately)
- Clean off excess grout again by damp sponge (water mixed with dishwashing liquid 1:100 Ratio by volume)
- Clean off entire tiles surface by damp sponge (water mixed with dishwashing)
- The grouted area needs to be protected from dust and light foot traffic for minimum 24 hours. Heavy foot traffic to be allowed only after 3 days of grouting

## ● SHELF LIFE AND STORAGE

2 years after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bucket

## TECHNICAL DATA

Type	Epoxy grout
Component A Component B	Premixed resin with filler Light yellow hardener
Mixing ratio	Part A: Part B - 11.5 : 1 by weight Part A: Part B - 7 : 1 by volume
Consistency	Creamy paste consistency
Mixed density	1.60 gram/cm <sup>3</sup>
Adjustability time for adhesive	30 minutes
Setting for light foot traffic	24 hours
Full Cure	7 days

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

## CERTIFIED STANDARD

International/American standard	Standard	Result
Abrasion resistance @7days	ISO 13007-4	< 220 mm <sup>2</sup>
Flexural strength @7days	ISO 13007-4	> 35 Mpa
Compressive strength @7days	ISO 13007-4	>50 Mpa
Shrinkage	ISO 13007-4	<0.35 mm/m
Water absorption after 240 min	ISO 13007-4	<0.07 gm
Water clean ability	ANSI 118.3	> 85 minutes
Initial setting time	ANSI 118.3	Maximum 210 min
Service setting time	ANSI 118.3	< 7 days
Linear shrinkage	ANSI 118.3	< 0.1%
Sag in vertical joints	ANSI 118.3	No sag in vertical joints
Tensile Strength	ANSI 118.3	>8 Mpa
Thermal Shock	ANSI 118.3	>7 Mpa
Food Regulation Test	21 CFR175-300 US-FDA	Passes





# Tile Grouts



A night vision epoxy grout, luminescence during dark.



## weberknight armor



Illuminates in the dark



Anti-bacteria, black mold and algae. Stain resistant



2 Components



Chemical resistant



Easy to apply and clean

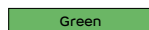


For joint width between 2 to 14 mm.

**weberknight armor** can absorb natural or house hold light & provide luminescence in darkness when placed between tiles or stones providing highly aesthetic & decorative joints in the absence of light. It can be used with ceramic tiles, porcelain tiles, vitrified tiles, glass mosaic tiles, natural & artificial stones and all types of marbles & granites.

● **PACKAGING :** 1 kg bucket

● **COLOR :** Green & Blue



● **COVERAGE :** average 1 sqm. for mosaic size 2x2 cm. joint width 2 mm.  
average 8 sqm. for mosaic size 30x60 cm. joint width 2 mm.

● **APPLICATION**

### Substrate preparation

- Properly clean the joints until free from any dirt to make sure of good bonding and color uniformity

### Mixing

- Mix 2 components together with the ratio of hardener Part B : resin with glitter Part A = 1 : 8. Add hardener component B into the component A container and mix the content for 3-5 minutes with slow speed mixer ensuring proper mixing of the component.

- The mixture of **weberknight armor** can be used within 30 minutes after mixing

- No water to be added to the mix.

Remark: Use personal protective equipment before mixing.

### Grouting

- Use rubber trowel or grout trowel to diagonally fill up the joints.

- Wipe off excess grout with warm damp sponge 15 – 20 minutes after grouting (on the area of 1 m<sup>2</sup> approximately)

- Clean off excess grout again by damp sponge (water mixed with dishwashing liquid 1:100 Ratio by volume)

- Clean off entire tiles surface by damp sponge (water mixed with dishwashing)

- The grouted area needs to be protected from dust and light foot traffic for minimum 24 hours. Heavy foot traffic to be allowed only after 3 days of grouting

● **SHELF LIFE AND STORAGE**

2 years after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bucket

## TECHNICAL DATA

Type	Epoxy grout
Component A Component B	Premixed resin with filler Light yellow hardener
Mixing ratio	Part A: Part B - 11.5 : 1 by weight Part A: Part B - 7 : 1 by volume
Consistency	Creamy paste consistency
Mixed density	1.60 gram/cm <sup>3</sup>
Adjustability time for adhesive	30 minutes
Setting for light foot traffic	24 hours
Full Cure	7 days
Minimum exposure of light intensity 300-1000 lux	Luminance > 5-8 hours

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

## CERTIFIED STANDARD

International/American standard	Standard	Result
Abrasion resistance @7days	ISO 13007-4	< 220 mm <sup>2</sup>
Flexural strength @7days	ISO 13007-4	> 35 Mpa
Compressive strength @7days	ISO 13007-4	>50 Mpa
Shrinkage	ISO 13007-4	<0.35 mm/m
Water absorption after 240 min	ISO 13007-4	<0.07 gm
Water clean ability	ANSI 118.3	> 85 minutes
Initial setting time	ANSI 118.3	Maximum 210 min
Service setting time	ANSI 118.3	< 7 days
Linear shrinkage	ANSI 118.3	< 0.1%
Sag in vertical joints	ANSI 118.3	No sag in vertical joints
Tensile Strength	ANSI 118.3	>8 Mpa
Thermal Shock	ANSI 118.3	>7 Mpa
Food Regulation Test	21 CFR175-300 US-FDA	Passes





## Details to be concerned and products

\*Advices from Structural Engineer are importantly

2

### Leveling floors and rendering walls

Leveling and rendering mortars should be left to set at the rate of 7 days per 1 cm. thickness. Detail fixing should be done 12 – 24 hours before laying tiles



#### weberbase levelling plaster

Pre-mixed cementitious mortar for adjusted wall level

1

### Concrete substrates

Leave the new concrete in structure for at least one month for the complete set. Other wise the shrinkage could easily happen.

5

### Substrate before tiling

Ensure that all surfaces are clean, dry, sound, and free from dust, grease or any contamination barrier. Install waterproofing system and leave it to set. Substrate temperature should not be higher than 45°C. If tiles have to be laid in the sunlight, substrate should be damped to release the accumulate heat and working area should be shaded.

6

### Tile adhesive by using webertai gres or webercolor poxy



#### webertai gres

suitable for all types of tile /stone (more details on P.21)

+



#### webercolor poxy

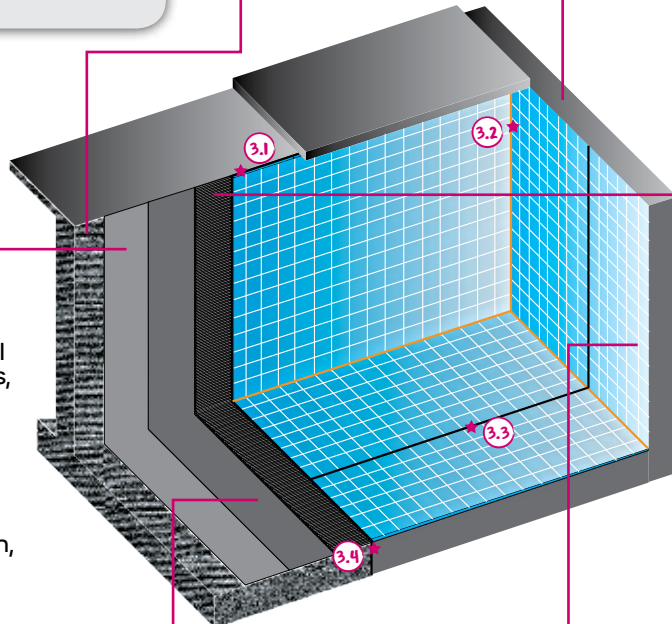
suitable for glass mosaic and resin mosaic (more details on P.38)

3

### Joints

Consideration should be given at the design stage to the provision of movement joints in large areas of tiling. The type and location will involve the construction materials, type of installation and the setting out of tiling. Stress can occur in tiled installation as a result of movement due to such factors as drying shrinkage movement. These stress can sometimes cause loss of adhesion, bulging or cracking of tiles but can be localized by incorporating movement joints.

- 3.1 Where tiling abuts other materials
- 3.2 At internal vertical corner and horizontal corner of floor and wall
- 3.3 In large areas at 3 m to 4.5 m centers horizontally and vertically
- 3.4 Over existing and/or structural movement joints



4

### Waterproofing system with weberdry tex or weberdry top



#### weberdry tex

suitable for the pools being built on underground level (more details on P.49)

OR



#### weberdry top

+



#### webertape BE 14

suitable for the pools with the structure subject to movement (more details on P.50)

7

### Tile grout by using webercolor HR or webercolor poxy



#### webercolor HR

suitable for swimming pools of resident areas (more details on P.37)

OR



#### webercolor poxy

suitable for swimming pools of resident areas / public (more details on P.38)



# Selection of tile grout according to applications



webercolor classic



webercolor power



webercolor slim



webercolor no stain



webercolor m

TYPE OF TILE GROUT	General tile grout	Anti-fungus tile grout	Tile grout for very narrow joint	Anti-white stain tile grout	Anti-fungus adhesive and for mosaic
Joint width	1 – 6 mm	1 – 6 mm	0.2 – 3 mm	0.2 – 6 mm	Equal to joint
Grouting substrates					
Ceramic tiles	●	●	●	●	●
Granito tiles, marbles, granites, artificial stones	●	●	●	●	●
Ceramic mosaics, glass mosaics, resin mosaics	●	●	●	●	●
Terracotta tiles, clay tiles					
Glass blocks					
Application areas					
Bedrooms, living rooms, offices	●	●	●	●	●
Bathrooms, kitchens, washing areas	●	●	●	●	●
Car parks, external walls, supermarkets, department stores					
Industrial areas, food industries, hospitals					
Swimming pools, spas, saunas					
Special properties					
Anti-black mold and fungus		●	●	●	●
Anti-white stain				●	
Anti-bacteria		●			
Resistance to concentrated chemicals and acids, anti-infection					







## Selection of waterproof products according to applications



weberdry water plug

### 1 Roof



weberdry seal

+



webertape fibermesh 5

### 2 Roof top, balcony



weberdry seal

+



webertape fibermesh 100

### 3 External wall



weberdry seal

+



webertape fibermesh 5

### 4 Reflective paint



weberdry seal

### 5 Existing tile



weberdry seal

+



webertape BE 14

### 12 Stop pressure leaks



### 6 Underground area

### 7 Before tiling on ground area



weberdry tex



weberseal tape

- 13** **14** Sealing joints & gaps and waterproofing



- 9** Before tiling on dry wall (water-resistance type)



weberdry top

+



webertape BE 14

or



webertape Fibermesh 5

- 10** Before tiling in high-rise wet area (bathroom and balcony)



weberdry seal

or



weberdry top

+



webertape BE 14

or



webertape Fibermesh 5

- 8** Before tiling in swimming pool



weberdry tex

or



weberdry top

- 11** Prevent and solve leakage problem from joint between floor and wall



weberdry seal

+



webertape BE 14



**Ready-to-use super flexible acrylic waterproof for roofs, roof tops, joints, and walls**



## weberdry seal



6-Times highly flexible



Stop leakage from roofs, rooftops and walls



Fix leakage from joints



Cover cracks



Anti-fungus



Easy to use



Waterproof on existing tiles



UV resistance, heat reflection



Low VOCs

**weberdry seal** is ready-to-use super-flexible versatile acrylic waterproof for preventing and solving leakage problems from roofs, rooftops, joints, balconies and walls

- **PACKAGING :** 1 kg, 4 kg and 20 kg bucket
- **COLOR :** white / grey
- **COVERAGE :** To waterproof and fix leakage problem 1.5–2.0 kg/mm<sup>2</sup>  
To waterproof the area before tiling 1.0 kg/m  
Use as reflective paint 400–500 g/m<sup>2</sup>

### APPLICATION

#### Substrate preparation

1. Substrate should be sound, level, clean without any oil and dirt
2. Make good any unsound areas before the application of **weberdry seal**
3. Substrate on rooftop should have proper slope to prevent water accumulation
4. Use **weberdry seal** mix with water at the ratio of 1: 4 to be primer on cement-base substrates

\*Special primers are needed for old and dusty substrates, old bitumen, and metal substrates (please consult Weber for more details)

#### Product preparation

1. Stir well before use after open the bucket
2. Do not mix **weberdry seal** with water unless using as primer

#### Waterproofing

**weberdry seal** is a versatile product which can be used for many applications. Follow below application methods after proper priming the areas

#### 1. To waterproof roofs, rooftops, and external walls

- Apply 1<sup>st</sup> coat of **weberdry seal** onto the areas with brush or roller
- Thin cracks, joints, corners, and edges should be supported with fiber-reinforced mesh after the first coat application of **weberdry seal** (Using **webertape BE 14** for wide cracks and dilatation joints)
- Reinforce entire surface when waterproofing rooftops with traffic
- Wait for 4 – 6 hours to let 1<sup>st</sup> coat dries
- Apply 2<sup>nd</sup> coat of **weberdry seal** vertically until having total thickness of 1 – 1.5 mm

#### 2. To fix leakage problem from joints between floor and wall

- Apply 1<sup>st</sup> coat of **weberdry seal** onto the joints to cover at least 10 cm on both side
- Place **webertape BE 14** on the joints and ensure of no bubble underneath
- Wait for 4 – 6 hours to let 1<sup>st</sup> coat dries, and apply 2<sup>nd</sup> coat to cover the tape

#### 3. To waterproof before tiling

- Apply **weberdry seal** on cracks & joints, place fiber-reinforced mesh (use **webertape BE 14** in case of dilatation joints) and ensure of no bubble underneath
- Wait until 1<sup>st</sup> coat dries and apply 2<sup>nd</sup> coat vertically until having total thickness of 1 mm.
- Leave the area for 48 hours before tiling

#### 4. Use as reflective paint

- Apply only one coat of **weberdry seal** on entire area with consumption around 400 – 500 g/m<sup>2</sup>

#### 5. SHELF LIFE AND STORAGE

1.5 Years after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bucket

### TECHNICAL DATA

Type	Acrylic waterproof
Density	1.49 g/cm <sup>3</sup>
Solid content	75 ± 2 %
Bond to concrete	1.69 N/m <sup>2</sup>
Elongation	> 600 %
Crack bridging	> 2 mm

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

### CERTIFIED STANDARD

International/European standard	Standard	Result
Water permeability EN 14891	No water permeation	Pass
Initial tensile adhesion strength EN 14891 – A.6.2:2007	> 0.5 N/mm <sup>2</sup>	1.26 N/mm <sup>2</sup>
Tensile adhesion strength after heat aging EN 14891 – A.6.5:2007	> 0.5 N/mm <sup>2</sup>	1.44 N/mm <sup>2</sup>
Tensile adhesion strength after contact with lime water EN 14891 – A.6.9:2007	> 0.5 N/mm <sup>2</sup>	0.70 N/mm <sup>2</sup>





Non-toxic



**Pre-mixed cementitious waterproof for underground areas and swimming pools**

## weberdry tex



Recommended for underground areas and swimming pools



Resist to water pressure up to 50 m depth



Resist to water pressure from inside and outside



Easy to use



Resist to hard water and chlorinated water



Non-toxic



Low VOCs

**weberdry tex** is single-component waterproofing mortar suitable for any substrates subjected to positive and negative water pressures like swimming pools, water tanks, structures. Good for both internal and external applications.

- **PACKAGING :** 5 kg and 20 kg bag
- **COLOR :** grey
- **COVERAGE :** average 1.3 m<sup>2</sup>/5 kg bag  
average 5 m<sup>2</sup>/20 kg bag

### • APPLICATION

#### Substrate preparation

1. Substrate should be sound, level, clean without any oil and dirt
2. Make good any unsound areas before the application of **weberdry tex**
  - For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before the application
3. Dampen the surface with clean water until reaching its saturated point before applying **weberdry tex**

#### Mixing

1. Mixing **weberdry tex** in water with the ratio of 3 : 1 by volume.
2. Using slow-speed electric mixer to mix or gradually mix by hand until obtaining homogeneous lump-free paste.
3. Leave for 3 – 4 minutes for chemical curing before using.

#### Waterproofing

**weberdry tex** can be applied by brush or trowel.

#### 1) Application by brush

- (1) Use appropriate brush to thoroughly apply **weberdry tex** on the area at the consumption around 2 kg/m<sup>2</sup>. Make sure of overall covering.
- (2) Leave the area for 6 – 12 hours to reach initial set, the duration depends also on weather conditions.
- (3) Dampen the surface and apply 2<sup>nd</sup> layer of **weberdry tex** vertically at the consumption of 1.5 – 2 kg/m<sup>2</sup>. Total thickness should be 2-3 mm. (If the recommended thickness cannot be obtained, render first the mortar and then use the brush to ensure suitable roughness and bubble-free surface)

#### 2) Application by U10 notched trowel

- (1) Apply the product as scratch layer (hardly press the trowel) to cover pinholes in substrate.
- (2) Leave the area to dry by touching with finger and have no product sticking.
- (3) Apply the product with U10 notched trowel, and smooth the notches until getting at least 2 mm thickness.

### • SHELF LIFE AND STORAGE

One year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

### TECHNICAL DATA

Type	Cementitious waterproof
Density of powder	1.35 g/cm <sup>3</sup>
Bond to concrete	0.70 N/mm <sup>2</sup> (MPa)

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

### CERTIFIED STANDARD

International/European standard	Standard	Result
Water permeability DIN 1048	No water with positive and negative pressure permeation	Pass
Initial tensile adhesion strength EN 14891 – A.6.2:2007	> 0.5 N/mm <sup>2</sup>	1.50 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion EN 14891 – A.6.5:2007	> 0.5 N/mm <sup>2</sup>	1.42 N/mm <sup>2</sup>
Tensile adhesion strength after contact with chlorinated water EN 14891 – A.6.9:2007	> 0.5 N/mm <sup>2</sup>	1.76 N/mm <sup>2</sup>
Tensile adhesion strength after contact with lime water EN 14891 – A.6.7:2007	> 0.5 N/mm <sup>2</sup>	1.36 N/mm <sup>2</sup>



## 2-component flexible waterproofing product



### weberdry 2K flex



To waterproof before tiling in wet areas in buildings and in swimming pools



2 parts – cement and liquid polymer – and flexible



Cover non-dilated small cracks and pores in substrates



Non-toxic, can be used with potable water and in water tanks

**weberdry 2K flex** is a 2-component flexible waterproofing product, the mixing ratio can be adjusted to suit the application of both render and brush/roller on cement base substrate. It is used to waterproof wet areas in the building, swimming pools, and water tanks

- **PACKAGING :** 25 kg set  
Part A: white liquid 5 kg/gallon  
Part B: cement powder 20 kg/bag
- **COLOR :** Milky white liquid and grey cement powder
- **CONSUMPTION :** 2 – 4 kg/sq.m
- **APPLICATION**

#### Surface preparation

1. Substrate must be strong, level, with good adhesion. Make good any unsound areas by using **weberep repair mortar GP**.
2. Clean the substrate by suitable cleaning method such as high pressure water, blast cleaning, until free from dirt, oil, grease, and any other contaminations.
3. Pre-wet the surface with clean water to its saturated point.

#### Mixing

1. Shake the liquid gallon (Part A) before using. Pour the polymer liquid in clean mixing bucket and gradually add cement powder (Part B).
2. Mix by low-speed electric mixer (max. 500 rpm) until having homogeneous lump-free paste with the mixing ratio:
  - a. For render application  
Part A : Part B = 18% : 82% or 1 : 3.25 by volume
  - b. For brush or roller application  
Part A : Part B = 22% : 78% or 2 : 5.5 by volume
3. Stand the mixture for 3 minutes for chemical curing.
4. Use the mixture within 30 minutes after mixing.

#### Waterproofing

For brush or roller application: use short-hair brush or roller  
For render application: use appropriate rendering trowel

1. Apply the first layer of **weberdry 2K flex** thoroughly on the substrate in one direction.
2. Leave to dry for 2 – 4 hours, and then apply 2nd layer in vertical direction.
3. Total thickness must be at least 2 mm.

#### Recommendations

- Always apply 2 layers of **weberdry 2K flex**.
- Avoid direct sunlight after **weberdry 2K flex** sets, when not tiling on waterproofing layer.
- **weberdry 2K flex** can cover small cracks and pores in the substrate when the cracks and pores are not dilated.
- Do not add water in the product mixture.
- Total thickness should be 2 – 3 mm.
- **SHELF LIFE AND STORAGE**  
Store in shade, dry conditions with the temperature between 5 – 35°C in closed package provides 1 year shelf life.

#### TECHNICAL DATA

weberdry 2K flex	Standard	Requirement	Test Result	
			Render application	Brush/roller application
Waterproof: 1.5 bars water pressure for 7 days	EN 14891-A7:2014	Pass the requirement	PASS	PASS
Water absorption by Karsten Pipe @7 days	In-house	< 0.5 ml	0.3	0.3
Water absorption by Karsten Pipe @28 days	In-house	< 0.3 ml	0.3	0.3
Water uptake after 24 hours	In-house	< 1.0 mm	0.00	0.80
Crack bridging @28 days	EN 14891-A8.1:2014	> 0.3 mm	0.47	0.35
Bond to concrete @28 days	ASTM D4541-09	> 1.0 MPa	1.59	1.61
Initial adhesion strength @28 days	EN 14891-A6.2:2014	> 0.5 N/mm <sup>2</sup>	1.01	0.94
Adhesion strength after water immersion	EN 14891 -A6.2:2014	> 0.5 N/mm <sup>2</sup>	0.79	0.77
Compatible with potable water	Provincial Waterworks Authority	Pass the requirement	PASS	PASS







**2-component flexible waterproofing for any wet areas and swimming pools in high-rise buildings**



## weberdry top



To waterproof before tiling in any wet areas subjected to movement



Flexible, resist to micro cracking



Easy to use by rendering trowel



Non-toxic



Low VOCs



Resist to water pressure up to 30 m depth



Resist to hard water and chlorinated water

**weberdry top** is two-component flexible waterproofing product to waterproof before tiling in swimming pools, water tanks, terraces, balconies, bathrooms and any wet areas where subjected to structural movement

- **PACKAGING :** 4.5 kg and 23 kg bucket
- **COLOR :** grey powder + milky white liquid
- **COVERAGE :** average 2.25 m<sup>2</sup>/4.5 kg bucket  
average 11.5 m<sup>2</sup>/23 kg bucket

### APPLICATION

#### Substrate preparation

1. Substrate should be sound, level, clean without any oil and dirt
2. Make good any unsound areas before the application of **weberdry top**
3. For new render or screed, it should be fully cured at the rate of 7 days per 1 cm thickness before the application
4. Dampen the surface with clean water until reaching its saturated point before applying **weberdry top**

#### Mixing

1. Put liquid part in mixing bucket
2. Gradually add powder part with the ratio of 1 : 2.5 (liquid : powder)
3. Mix by using slow speed (500 rpm) electric mixer until obtain homogeneous lump-free paste
4. Leave for 3 – 4 minutes for chemical curing

#### Waterproofing

- Place **webertape BE 14** reinforcing tape along the angels or joints by using **weberdry top** as the adhesive, ensure of no bubbles underneath.
- There are 2 possibilities to apply **weberdry top**;
  - (1) Use rendering trowel to apply 1<sup>st</sup> layer of **weberdry top** on the substrate. Leave for 6 – 12 hours for initial set, duration also depends on weather conditions. And then render 2<sup>nd</sup> coat without dampen the surface until having at least 2 mm thickness. OR
  - (2) Make scratch layer (press firmly the trowel) on the substrate to cover pinholes. Leave to dry and then use U10 notch trowel to apply the product, smooth the notches until 2 mm thickness is obtained.

### SHELF LIFE AND STORAGE

18 months after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bucket

### TECHNICAL DATA

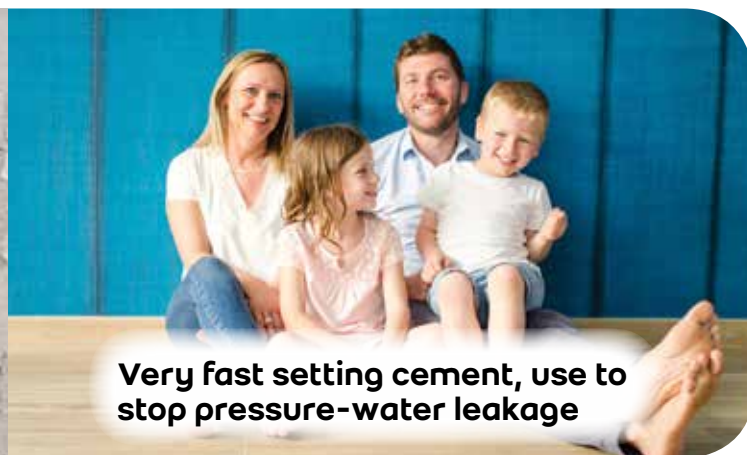
Type	Flexible waterproof
Appearance - Part A - Part B	Two components - Grey powder - Milky-like liquid
Powder density (Part A)	1.26 g/cm <sup>3</sup>
Specific gravity (Part B)	1.02
Crack bridging	> 0.8 mm (in dry condition) > 0.7 mm (after contact with water)
Crack covering ability	2.5 mm
Bond to concrete	0.82 N/mm <sup>2</sup>

Refer to these test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions

### CERTIFIED STANDARD

International/European standard	Standard	Result
Waterproofing property JIS A 1404	no leakage : 3 bars @ 2 mm thickness, 28 days	Pass
Initial tensile adhesion strength EN 14891 – A.6.2:2007	> 0.5 N/mm <sup>2</sup>	0.78 N/mm <sup>2</sup>
Tensile adhesion strength after water immersion EN 14891 – A.6.3:2014	> 0.5 N/mm <sup>2</sup>	0.88 N/mm <sup>2</sup>
Tensile adhesion strength after heat aging EN 14891 – A.6.5:2007	> 0.5 N/mm <sup>2</sup>	2.48 N/mm <sup>2</sup>
Tensile adhesion strength after contact with lime water EN 14891 – A.6.9:2007	> 0.5 N/mm <sup>2</sup>	0.88 N/mm <sup>2</sup>





## weberdry water plug



Easy to use, just mix with water



Very fast setting with rapid early strength development



Set within 30 – 120 seconds after mixing



To stop pressure water leakage, running water



No shrinkage, no crack

**weberdry water plug** is a ready mixed cement to mix with water and become very fast setting and develop high early strength. It is used to constantly stop pressure leaks and can be used under water, as well as through joints between concrete and steel.

- **PACKAGING :** 1 kg can & 4.5 kg bucket
- **COLOR :** grey
- **CONSUMPTION :** depends on the size of the leaks
- **APPLICATION**

### Surface preparation

1. Clean the area until free from any trace of oil, dirt, all chippings, mud, and any other contaminations.
2. For the application under water, the area must be clean without the trace of algae.
3. The leaking point to be applied by **weberdry water plug** should be at least 1 inch in size. Cut the small area in "V" shape before the application.
4. If the area is dry, damp it to saturated point before the application.

### Mixing

1. Mix weberdry water plug in small quantity, enough to fix the leaking point, at a time.
2. Mix 4 parts of **weberdry water plug** per 1 part of water. Apply the product when being damp to the leaking area.

\*\*Mix with less water for under-water application.

3. Prepare the mixture to the shape of leaking point.

### Application

1. Use the product immediately after mixing to fill the cracks, leaking points. Hold and press **weberdry water plug** into the area.
2. Hold for at least 30 – 60 seconds and adjust the product to required shape and surface.

\*\* It will be almost impossible to adjust when the product sets.

3. To fix leaking area vertically, fill the top leaking point and work downward. If possible, fill the bottom leaking area as well. And then apply Weber's waterproof- **weberdry tex** or **weberdry top** – on the top area at the side being in contact with water.

### Recommendation

- **weberdry water plug** sets rapidly after mixing with water. It's recommended to mix in small amount only for an application at a time.
- If water pressure is very high, it's recommended to plug the area with wood or other materials in order to slow the pressure down.
- After mixing with water, the mixture of **weberdry water plug** will become warmer, which is chemical reaction for the product to set.
- It's recommended to wear rubber glove when working with **weberdry water plug**.

### SHELF LIFE AND STORAGE

Store in shade, dry conditions with the temperature between 5 – 35°C in closed package provides 6 months shelf life.

### TECHNICAL DATA

weberdry water plug	Compressive strength ASTM C109 (N/mm <sup>2</sup> )	Flexural strength EN 1015-11 (N/mm <sup>2</sup> )
10 minutes	6.40	2.33
1 hour	9.42	2.37
6 hours	15.04	3.00
1 day	19.44	3.56
7 days	21.45	4.00
28 days	25.06	4.54



**High performance UV-resistant polyurethane dispersion waterproofing membrane**



## weberdry PUD coat



Highly flexible



Excellent adhesion on porous and non-porous substrates



Solvent-free, non-toxic



UV resistant



Seamless waterproofing membrane



One-component, ready to use

**weberdry PUD coat** is a one-component, solvent-free liquid applied waterproofing membrane. **weberdry PUD coat** is highly flexible and UV-resistant to waterproof roof decks, terraces, balconies, and metal roofs.

- **PACKAGING :** 20 kg bucket
- **COLOR :** grey / white / green
- **COVERAGE :** average 10-13.3 m<sup>2</sup>/20 kg bucket

### APPLICATION

#### Substrate preparation

1. The substrate should be dry with moisture content below 6%. The surface should be level, clean without any oil or dust. Make good any unsound area before the application of **weberdry PUD coat**.
2. The surface temperature must be 3°C above the dew point at the time of application.
3. Apply as a primer **weberdry PUD coat** by adding and thoroughly mixing together 10% water to the product and apply (~ 0.4 kg/m<sup>2</sup>) on cement based substrate or as per below table.

Substrate	Primer
Concrete	weberdry PUD coat + 10% water
Brick/ stone	weberdry PUD coat + 10% water
Slate/ tiles	weberdry PUD coat+ 10% water
Bitumen based coating	weberdry PUD coat+ 10% water* or metal primer
Metals	weberdry PUD coat+ 10% water** or metal primer
Wooden substrates	weberdry PUD coat+ 10% water*** or metal primer
Paint/ coating	Subject to adhesion & compatibility

\* Bitumen based coating: Ensure of good adhesion to the substrate. Prime the entire area and always use "High build system".

\*\* Metal substrate must be in good condition. Abrade the surface to reveal bright metal, to remove all rust and stain. If the metal is not sound, epoxy or any appropriate primer is recommended.

\*\*\* Wood panel roof decks have to be in good condition, firmly adhered or proper mechanical fixed.

4. Leave the primed surface to be tack-free for approximately 1-2 hours before the main two coat waterproofing application.

### SHELF LIFE AND STORAGE

12 months when stored unopened in a dry and ventilated area. Storage condition at temperature between 5 °C–35 °C

### Product preparation

1. Stir the product very well using a mechanical mixer to obtain a uniform material and colour after opening the bucket.
2. Do not mix weberdry PUD coat with water unless using as primer.

### Remarks

- Always start the detail application prior to waterproofing on horizontal surface.
- All joints should be treated with **weberdry fleece** or **webertape BE 14**.
- The previous layer must be cured and tack-free before the application of consecutive layer.
- Waiting times between layers are based on 20 – 30°C with 50% relative humidity.

### Tools

**Brush:** a thick hair brush

**Roller:** with a solvent resistant, short-hair roller

**Airless spray machine:** use only for standard systems.

For spray applied application, a minimum 2 layers with crisscross direction to be applied. For the best performance, the pump should have the following parameter:

- minimum pressure = 220 bar/min. output: 5.1 l/min.
- minimum Ø nozzle: 0.83 mm (0.033 inch).

### TECHNICAL DATA

Type	Polyurethane dispersion waterproof
Density	1.35 g/cm <sup>3</sup> at +23°C
Solid content	50% by volume
Service temperature	-5°C to +80°C (with <b>weberdry fleece</b> )
Tensile strength – ASTM D412	1.0 N/mm <sup>2</sup> (without reinforcement)
	4.0 N/mm <sup>2</sup> (with <b>weberdry fleece</b> )
Elongation at break – ASTM D412	300% (without reinforcement)
	70% (with <b>weberdry fleece</b> )
Rain resistance	2-8 hours
Full cure	2-4 days
Durometer hardness shore A heat aging at 80°C for 7 days	15
Durometer hardness shore A	72



**Epoxy based, dilutable with water,  
two component, transparent primer**



## weberprim EP 2K



High adhesion on both absorbent and non-absorbent substrates



Perfect preparation prior to the polyurethane waterproofing and sealant application



Chemical resistance



Able to adjust the consistency by diluting with water

**weberprim EP 2K** used as high performance primer for especially polyurethane waterproofing and sealants but also for general waterproofing on both absorbent and non-absorbent substrates. Besides, it is able to be used as primer especially for polyurethane waterproofings and sealants for the humid substrates.

### ● APPLICATION SUBSTRATES

- Glass, metal
- Old tiles, bitumen and acrylic coatings
- Cement based glossy substrates
- Cement based screeds, renders and concretes
- Wooden surfaces

\*Please consult us for other application substrates

● **PACKAGING:** 20 kg metal bucket (15 kg + 5 kg)

● **COLOR:** Transparent

● **CONSUMPTION:** Average 100-200 gr/m<sup>2</sup> (one or two layers)

### ● APPLICATION

#### Substrate Preparation

- Substrates should be clean, dry, smooth and sound.
- The obstacles prevents the primer adherence should be removed with mechanical methods.
- Non smooth substrates should be repaired and smoothened with **weberep repair mortar GP**.
- The substrate should be checked with hammer for the low adherence substrate. Weak parts should be removed from the substrate.

#### Application

- A and B components should be mixed by considering the mixing ratio, with a low speed mixer for min. 3-4 minutes.
- After mixing, in order to adjust the consistency, clean water averagely 20% could be added.
- **weberprim EP 2K** should be applied with roller or brush on whole substrate as one or two layers.
- After 6-10 hours the polyurethane waterproofing or sealant should be applied while the primer is tacky.

### Conditions of application

- Substrate and ambient temperature should be between +5°C and +35°C
- Avoid application in very damp and/or hot weather
- It should not be used on substrates which are frozen or melting or have the risk of frost or rain within 24 hours.

### ● SHELF LIFE AND STORAGE

- 9 months from the production date in dry and moisture-free ambient, should be protected from direct sun light. Storage temperature should be between +5°C and +30°C.
- Package should be kept tightly closed when not in use. Package should be protected against frost and heat.

### APPLICATION PROPERTIES

Type	weberprim EP 2K
Mixing Ratio	component A : Epoxy resin 3 unit component B : Hardener 1 unit
Pot life	45 minutes
Applicable layers	1-2 layers
Time for the next coat	6-10 hours; max. 24 hours
Full drying time	7 days

### PERFORMANCE

Composition	Epoxy
Service temperature	-30°C to +90°C
Shore D hardness	> 30 (ASTM D 2240)
Adhesion to 6% humid concrete	> 1.5 N/mm <sup>2</sup> (ASTM D 903)
Adhesion to metal	> 1.5 N/mm <sup>2</sup> (ASTM D 903)





**Polyurethane based, UV resistant, super elastic waterproofing product**



## weberdry PUR seal



Does not soften in the summer, nor harden in the winter



Crack bridging over 2 mm even at low degrees



Able to solve the complex details with comfort with its easy application consistency



Resistant to pedestrian traffic with mechanical resistance



Easy application with airless spray or roller



Resistant to detergents, oils, sea water and domestic chemicals

**weberdry PUR seal** used as a waterproofing and protection material for flat roofs, terraces, balconies, autopark, bridge decks and similar areas. Additionally, used as a waterproofing for wet duty areas, fields requires root resistance and renovation of old waterproofing membranes

### APPLICATION SUBSTRATES

- Cement based screeds, renders and concrete.
- Glass, metal, and wooden surfaces. (with **weberprim EP 2K**)
- Polyurethane foam.
- Old tiles, bitumen, and acrylic membranes (with **weberprim EP 2K**)

\*Please consult us for other application substrates.

- PACKAGING :** 25 kg metal bucket
- COLOR :** White, Grey
- CONSUMPTION :** Average 1.5 - 2.0 kg/m<sup>2</sup> (with 2 or 3 layers)

### APPLICATION

#### Substrate Preparation

- Substrates should be clean, dry, smooth and sound.
- Non smooth substrates should be repaired and smoothened with **weberep repair mortar GP**.
- Dilatation joints on application substrates should not covered with **weberdry PUR seal**, the continuity of the waterproofing at these points should be ensured with **webertape BE14**.
- In order to ensure continuity of waterproofing, vertical and horizontal edges should be beveled with **weberep repair mortar GP** or other appropriate product and supported with **webertape BE14**.
- The major deformations and holes on substrate should be repaired with **weberep repair mortar GP**.
- Absorbent surfaces such as cement based, old tile, metal, bitumen, and acrylic membrane surfaces should be primed with **weberprim EP 2K**.

#### Application

- Prior to the application **weberdry PUR seal** should be mixed well and applied with brush, roller, or airless spray on primed surface. If the application area is horizontal, it could be poured on the surface then can be applied with roller or brush.
- Thin cracks, joints, corners, and edges should be supported with **weberdry fleece** after the first coat application. **weberdry fleece** should be applied on the entire substrate on terrace roofs after the first coat application.
- Application should be minimum 2 layers, It should be waited for min 12 hours between the coats (should not exceed 36 hours).
- weberdry PUR coat** or **weberdry PUR coat traffic** should be applied as a last coat for permanent color, decorative appearance and high resistance.

### Conditions of application

- Substrate and ambient temperature should be between +5°C and +35°C
- Avoid application in very damp and/or hot weather
- It should not be used on substrates which are frozen or melting or have the risk of frost or rain within 24 hours.

### SHELF LIFE AND STORAGE

- 9 months from the production date in dry and moisture-free ambient, should be protected from direct sun light. Storage temperature should be between +5°C and +30°C.
- Package should be kept tightly closed when not in use. Package should be protected against frost and heat.

### APPLICATION PROPERTIES

Type	weberdry PUR seal
Applicable coats	2-3 layers
Time between the coats	Min 12 hours; max 36 hours
Time for rain resistance	4 hours
Time for light pedestrian resistance	12 hours
Full drying time	7 days

### PERFORMANCE

Composition	Polyurethane
Service temperature	-30°C and +90°C
Shore A hardness	60 (ASTM D 2240)
Adhesion to concrete	> 1.5 N/mm <sup>2</sup> (ASTM D 903)
Crack bridging	(-10°C) > 2 mm (EOTA TR 008)
Elongation at break	> 750% (DIN 52455)
Tensile strength	> 4 N/mm <sup>2</sup> (DIN 52455)
Vapor Permeability	20 gr/m <sup>2</sup> /gun (ISO 9932-91)
Material Fire Class	B2 (DIN 4102-1) Complies to ETAG 005 values



Polyurethane based, UV resistant, top coating product



## weberdry PUR coat



Permanent protection for under-applied **weberdry PUR seal** waterproofing product



Highly resistant against UV radiation, pedestrian traffic water ponding and frost



Formation of shiny, long live colored and easy to clean coating

**weberdry PUR coat** Aliphatic polyurethane based, one component, ready to use, UV resistant, pedestrian traffic resistant, super elastic top coating and protection product. Applied for protection and top coat material for **weberdry PUR seal** and similar waterproofing types.

### ● APPLICATION SUBSTRATES

**weberdry PUR seal** and similar waterproofing products. Please consult us for other application substrates.

- **PACKAGING :** 10 kg metal bucket
- **COLOR :** White
- **CONSUMPTION :** Average 150 -250 gr/m<sup>2</sup> (1 or 2 layers)

### ● APPLICATION

#### Substrate Preparation

- Substrates should be clean, dry, smooth and sound.
- Never add foreign materials into the product.

#### Application

- Prior to the application, **weberdry PUR coat** should be mixed well and applied with roller or airless spray on **weberdry PUR seal** applied surface.
- Application should be minimum 1 or 2 layers, It should be waited min 3 hours between the coats. (should not exceed 6 hours).

#### Limitation

- Never apply on the substrates where humid rate is over 5 %.

#### Conditions of application

- Substrate and ambient temperature should be between +5°C and +35°C
- Avoid application in very damp and/or hot weather
- It should not be used on substrates which are frozen or melting or have the risk of frost or rain within 24 hours.

#### Application tools

Roller and spray.

### ● SHELF LIFE AND STORAGE

- 9 months from the production date in dry and moisture-free ambient, should be protected from direct sun light. Storage temperature should be between +5°C and +30°C.
- Package should be kept tightly closed when not in use. Package should be protected against frost and heat.

### APPLICATION PROPERTIES

Type	weberdry PUR coat
Time being to adhere to <b>weberdry PUR seal</b>	1-3 hours
Applicable coats	2 layers
Time between the coats	Min. 3 hours; max 6 hours
Time for light pedestrian resistance	12 hours
Full drying time	7 days

### PERFORMANCE

Composition	Aliphatic-Polyurethane
Service temperature	-30°C to +90°C
Adhesion to <b>weberdry PUR seal</b>	> 2 N/mm <sup>2</sup>
Elongation at break	> 280% (DIN 527)
Elongation at break after aging	> 300% (DIN 527)
Tensile strength	> 3.50 N/mm <sup>2</sup> (DIN EN ISO 52455)



**Polyurethane- based  
wear resistant top coat**



## weberdry PUR coat traffic



Surface can be walked on (public pedestrian traffic)



Maintains its mechanical properties over a temperature span of -40°C to +90°C



Resistant to water



Gives a glossy and easy-to-clean surface



Simple application (roller or airless spray)



One-component

**weberdry PUR coat traffic** is a pigmented, wear resistant, semi-rigid, color- and UV-stable, weather-stable, cold applied and cold curing, one- component aliphatic polyurethane coating used as a top-coat for protection over exposed waterproofing coatings, subject to high wear conditions. Cures by reaction with ground and air moisture over a unique moisture triggered chemical reaction.

### ● Uses

Protection layer especially designed for waterproofing coats in following application:

- Waterproofing of Decks and Walkways
- Waterproofing of public Pedestrian Traffic Areas
- Waterproofing of Exposed Car Parking areas
- Waterproofing of surfaces exposed to heavy wear conditions

Used over **weberdry PUR seal**, on surfaces with public pedestrian traffic (e.g. Stadium tribunes) and on surfaces with light car traffic (e.g. Exposed car parking areas)

● **PACKAGING :** 5 kg and 20 kg metal bucket

● **COLOR :** white, light grey, and red  
Other RAL colors may be supplied on demand

● **CONSUMPTION :** 400-600 gr/m<sup>2</sup> in two layers

This coverage is based on practical application by roller onto a smooth surface in optimum conditions. Factors like surface porosity, temperature, humidity, application method and finish required can alter consumption

### ● APPLICATION

#### Surface preparation

1. Careful surface preparation is essential for optimum finish and durability.
2. The surface needs to be clean, dry and sound, free of any contamination, which may harmfully affect the adhesion of the membrane.
3. Maximum moisture content should not exceed 5%.
4. Substrate compressive strength should be at least 25 MPa, cohesive bond strength at least 1.5 MPa.
5. New concrete structures need to dry for at least 28 days.
6. Old coatings, dirt, organic substances and dust need to be removed by a grinding machine or shot- blasting. Oil or grease contamination must be cleaned substantially. Possible surface irregularities need to be smoothened.
7. Any loose surface particles and grinding dust need to be thoroughly removed.

### Waterproofing membrane

See of **weberdry PUR seal** Technical Data Sheet Make sure that the last layer is spilled with oven- dried silica sand (0.4 – 0.8 mm).

#### Top Coat

Stir well before using.

Pour **weberdry PUR coat traffic** over the cured, aggregate saturated waterproofing membrane (**weberdry PUR seal**), and spread out by squeegee or airless spray.

After 5-6 hours (not more than 36 hours), apply the second layer by roller

### ● SHELF LIFE AND STORAGE

Package can be stored in dry and cool rooms for up to 9 months. Protect the material against moisture and direct sunlight. Storage temperature: +5°C- +30°C. Products should remain in their original, unopened containers, bearing the manufacturers name, product designation, batch number and application precaution labels.

## TECHNICAL DATA

PROPERTY	RESULTS	Test Method
Composition	Pigmented Aliphatic moisture triggered Polyurethane polymer. Solvent based	
Resistance to Water Pressure	No Leak	DIN EN 1928
Elongation at break	>100%	DIN EN ISO 527
Tensile strength	>5 N/mm <sup>2</sup>	DIN EN ISO 527
Surface chalking after 2000h of accelerated aging (DIN EN ISO 4892-3, 400 MJ/m <sup>2</sup> )	No chalking observed. Chalking grade 0	DIN EN ISO 4628-6
Adhesion to weberdry PUR seal	>2 N/mm <sup>2</sup>	ASTM D 903
Hardness (Shore D Scale)	30	ASTM D 2240 (15°)
UV accelerated ageing, in the presence of moisture	Passed - No significant changes	EOTA TR-010
Hydrolysis (5% KOH, 7days cycle)	No significant elastomeric change	In-house Lab
Service Temperature	-40°C to +90°C	In-house Lab
Tack Free Time	1-4 hours	
Light Pedestrian Traffic Time	12 hours	Conditions: 20°C, 50% RH
Final Curing time	7 days	
Chemical Properties	Good resistance against acidic and alkali solutions (5%), detergents, sea-water, and oils.	





**Flexible reinforce waterproofing tape for joints**



## webertape BE 14



Highly flexible and 100% waterproof



Chemical resistance



To cover joints between floors and walls



Use with flexible waterproof; **weberdry seal** or **weberdry top**



To reinforce between boards of fibercement boards and gypsum boards

**webertape BE 14** is reinforced highly-flexible waterproofing tape designed to use for stanching or expansion joints, for vertical and horizontal corners of floors and walls. Using together with **weberdry seal/weberdry top/weberdry PUD coat/weberdry PUR seal** to prevent/to fix leakage problem

- **PACKAGING :** 10 m roll (12 cm width)
- **COLOR :** White mesh with yellow strip in the middle
- **COVERAGE :** depends on the length and the number of joints
- **APPLICATION**
  1. Clean the substrate properly and apply primer (1 part of **weberdry seal** + 4 parts of water) thoroughly.
  2. Apply **weberdry top** (no primer needed) or **weberdry seal** on the joint with at least 10 cm width on each side. Make sure of overall covering esp. at the joints.
  3. Place **webertape BE 14** on the joints and ensure of no bubbles underneath
  4. Wait until dry and apply 2<sup>nd</sup> coat on to the tape

- **SHELF LIFE AND STORAGE**
  - Two years after manufacturing date

### KEY BENEFITS

Key benefits		Size		Self-adhesive	Repair cracks (mm)	Applied with dilatation cracks
Reinforced	Waterproofing	Width	Length (roll)			
✓	✓	12 cm	10 m	X	0 – 20	✓

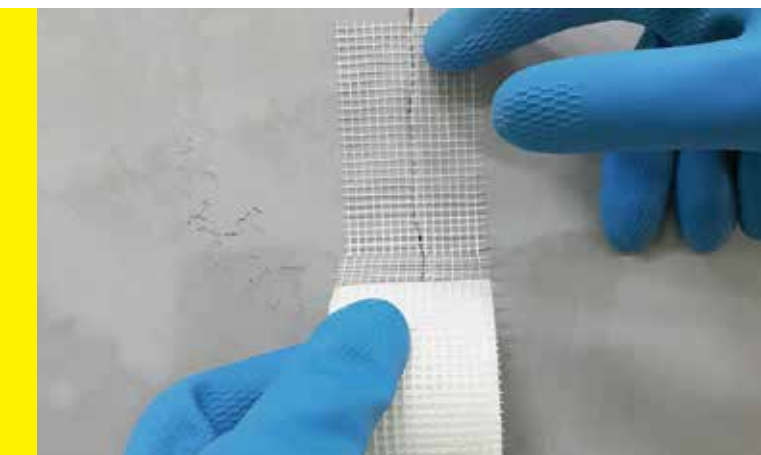
### TECHNICAL DATA

Category	Reinforced highly flexible waterproofing tape
Width of stanching area	120 mm.
Width of holding area	70 mm.
Thickness	0.6 mm.
Average weight	36 g/m.
Breaking strength	6.5 N/mm <sup>2</sup>
Water pressure resistances	3 bar
Temperature resistances	- 30 °C to +90 °C

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

### CERTIFIED STANDARD

Testing items	Standard	Result
Burst pressure : max.	Internal	2.5 bar
Breaking load longitudinal	DIN EN ISO 527-3	91 N / 15 mm
Breaking load lateral	DIN EN ISO 527-3	44 N / 15 mm
Extension break longitudinal	DIN EN ISO 527-3	33%
Extension break lateral	DIN EN ISO 527-3	125%
Power absorption at 25% Elasticity lateral	DIN EN ISO 527-3	0.52 N / mm
Power absorption at 50% Elasticity lateral	DIN EN ISO 527-3	0.73 N / mm
Resistance to water pressure	DIN EN 1928 (Version B)	> 1.5 bar
UV-Resistance : min.	DIN EN ISO 4892-2	500 h
Chemical Properties :	Resistance after storage over 7 days by room temperature in following chemicals	+ = resistant 0 = weakened - = non resistant
Hydrochloric acid 3%	Internal	+
Sulphuric acid 35%	Internal	+
Citric acid 100 g/l	Internal	+
Lactic acid 5%	Internal	+
Potassium hydroxide 3% / 20%	Internal	+ / 0
Sodium hypochlorite 0.3 g/l	Internal	+
Salt water (20 g/l Sea water salt)	Internal	+



Self-adhesive fiberglass mesh



## webertape fibermesh 5



Increase bonding of waterproof or skim coat to the substrates



Self-adhesive makes it easy to use Repair and reinforce cracks and joints



Repair and reinforce cracks and joints



Jointing between 2 pieces of ceiling and drywall



Jointing between 2 pieces of different material



Give stronger bond of plaster esp. at the corners of door / window frames



Prevent cracks

**webertape fibermesh 5** is made from high quality woven fiberglass fibers. Self-adhesive makes the product easy to use to increase bonding of either waterproof or skim coat to the substrates. Use to repair cracks, to reinforce joints between 2 pieces of drywall, before the application of waterproof or skim coat. Suitable for both internal and external applications

### RECOMMENDED TO USE WITH

Waterproof products: **weberdry seal**, **weberdry top** and **weberdry tex**

Skim coats: **weberbase skim coat** and **weberbase skim ultra bond**

● **SIZE:** 5 cm wide x 20 m long

● **COLOR:** White

### APPLICATION

- Properly clean the substrate until free from any substances that could prevent adhesion before using **webertape fibermesh 5**.
- Remove any traces of foreign objects or laitance on substrates to ensure the smoothness after sticking

#### To fix cracks and damages

- Stick **webertape fibermesh 5** along the crack with 2 inches longer than the crack.

#### To joint 2 pieces of dry wall

- Stick **webertape fibermesh 5** on center of the joint.
- Press **webertape fibermesh 5** firmly on substrate, be careful not to fold the tape.
- Make at least 5 cm overlapping.
- Apply waterproof or skim coat according to the recommendation of manufacturer.
- Sanding the surface after the application of skim coat and let the 2<sup>nd</sup> layer dry properly.

### SHELF LIFE AND STORAGE

- Two years after manufacturing date

### KEY BENEFITS

Key benefits		Size		Self-adhesive	Repair cracks (mm)	Applied with dilatation cracks
Reinforced	Waterproofing	Width	Length (roll)			
✓	x	5 cm	20 m	✓	0 - 3	x

### TECHNICAL DATA

Type	Self-adhesive fiber mesh
Color	white
Fiberglass mesh size	2.82 x 2.82 mm.
Weight	60 gsm
Adhesive Coating	Acrylic Latex $\geq 28 \pm 3\%$
Tensile Strength(warp)	$\geq 500$ N/50 mm
Tensile Strength(weft)	$\geq 650$ N/50 mm

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions



Reinforced fiberglass mesh



## webertape fiberglass mesh 100



Reinforce waterproof layer



Use with skim coat to reinforce between 2 pieces of dry walls



Improve bonding of waterproof to substrates



Absorb any force to the ground and reduce cracks



Durable with high strength

**webertape fiberglass mesh 100** is made from high quality woven fiberglass fibers. It is used to embed with waterproof products to reinforce and improve bonding to the substrates. **webertape fiberglass mesh 100** can be cut to size to reinforce between 2 pieces of dry walls before the application of skim coat both internally and externally.

### ● RECOMMENDED TO USE WITH

Waterproof products: **weberdry seal**, **weberdry top** and **weberdry tex**

Skim coats: **weberbase skim coat** and **weberbase skim ultra bond**

- **SIZE:** 1 m wide x 100 m long (100 m<sup>2</sup> per roll)
- **MESH SIZE:** 3 x 3 mm (9 x 9 meshes per m<sup>2</sup>)
- **WEIGHT:** 50 g/m<sup>2</sup> (5 kg/roll)
- **COLOR:** white

### ● APPLICATION WITH WATERPROOF PRODUCTS

- Properly clean the substrate until free from any substances that could prevent the adhesion.
- Remove any traces of foreign objects or laitance on substrates to ensure the smoothness before application.
- Prepare the substrate according to each product instruction.
  - Dampen the substrate until reaching its saturated point, not too wet, before the application of cementitious waterproof like **weberdry tex** and **weberdry top**.
  - Prime the substrate with appropriate primer before the application of acrylic waterproof like **weberdry seal**. Use **weberdry seal** mix with water at the ratio of 1 : 4 to be primer on cementitious substrates.
- Apply the first layer of waterproof product. Embed **webertape fiberglass mesh 100** in waterproof layer.
- Press the mesh firmly by hand or roller to ensure no bubbles underneath.
- Leave to dry and apply the second layer of waterproof product until getting the recommended thickness.

### ● APPLICATION WITH SKIM COATS

- Only use to reinforce between 2 pieces of dry walls in order to prevent cracks from movements or thermal/moisture expansions.
- Properly clean the substrate until free from any substances that could prevent the adhesion.

- Leave the joint at least 5 mm between 2 pieces of dry walls.
- Seal the joint with flexible grade; PU or acrylic; sealant.
- Leave until the sealant dries properly.
- Cut **webertape fiberglass mesh 100** to the size of at least 5 cm wide.
- Apply **weberbase skim coat** or **weberbase skim ultra bond** on the joint with the width wider than the cut mesh.
- Embed the cut mesh in the layer of skim coat at the middle of the joint.
- Press the mesh firmly by trowel to ensure no wrinkle or bubble underneath.
- Wait until the first layer dries completely before applying the next layer until the mesh is not visible.
- Sanding the surface after skim coat completely dries.

### ● SHELF LIFE AND STORAGE

- Two years after manufacturing date

### KEY BENEFITS

Key benefits		Size		Self-adhesive	Repair cracks (mm)	Applied with dilatation cracks
Reinforced	Waterproofing	Width	Length (roll)			
✓	x	100 cm	100 m	x	0 - 3	x

### TECHNICAL DATA

Type	Reinforced fiber mesh
Area weigh	50 g/m <sup>2</sup>
Breaking strength	Warp 540 N/50 mm Weft 290 N/50 mm
Width	100 ± 1 cm
Type	C - Glass
% Glue content	> 18%
mesh size	3 ± 0.3 mm

Remark: These test results are from laboratory test. They might be slightly different from on-site results because of the differences in applications and conditions.





Non-woven polyester fleece



## weberdry fleece PE60



Reinforce the waterproofed areas



High flexibility for easy application



Excellent absorption of waterproofing products



Durable with high strength



Durable with high strength

**weberdry fleece PE60** Non-woven polyester fleece for using as reinforcement with Weber's Liquid Applied Membrane waterproofing products

### ● RECOMMENDED TO USE WITH

Waterproof products: **weberdry seal**  
**weberdry PUD coat**  
**weberdry PUR seal**

- **SIZE:** 1 m wide x 50 m long (50 m<sup>2</sup> per roll)
- **WEIGHT:** 60 g/m<sup>2</sup> (3 kg/roll)
- **COLOR:** white

### ● APPLICATION WITH WATERPROOF PRODUCTS

- Properly clean the substrate until free from any substances that could prevent the adhesion.
- Remove any traces of foreign objects or laitance on substrates to ensure the smoothness before application.
- Prepare the substrates according to each product instruction and prime the substrates with appropriate primers.
  - + **weberdry seal** + water (1 : 4)  
for **weberdry seal**
  - + **weberdry PUD coat** + water (9 : 1)  
for **weberdry PUD coat**
  - + **weberprim EP 2K**  
for **weberdry PUR seal**
- Apply the first layer of waterproofing product. Embed **weberdry fleece PE60** in waterproofing layer.
- Press the fleece well to ensure no bubble or crease.
- Apply the second layer of waterproofing product according to Product Data Sheet until getting the recommended thickness.

### ● SHELF LIFE AND STORAGE

- Two years after manufacturing date

### TECHNICAL DATA

Material type	Non-woven polyester
Area weight	60 g/m <sup>2</sup>
Thickness	0.62 mm
Breaking strength	Machine direction > 140 N/50 mm Cross direction > 120 N/50 mm
Elongation at break	Machine direction > 40% Cross direction > 50%
Width	100 cm ± 1 cm

*Remark: These test results are from laboratory test. They might be slightly different from on-site results because of the differences in applications and conditions.*



## weberseal tape



Prevent and fix leakage problems



Excellent adhesion to most construction materials



Heat, cold, and UV resistant



Water based paintable aluminium foil surface



Very easy to use and apply



Bitumen free-no oil migration, non-staining, environmentally friendly

**weberseal tape** is a self-adhesive butyl rubber sealing tape laminated by a reinforced aluminium backing, which is paintable. It is 100% UV-resistant and can be used for a wide range of applications including sealing joints & gaps and waterproofing. **weberseal tape** provides good adhesion to metals, glass, zinc, concrete (mineral substrates), ceramics, woods, etc.

- **PACKAGING :**
  - 50 mm x 3 m roll (24 rolls/box)
  - 100 mm x 3 m roll (12 rolls/box)
  - 300 mm x 3 m roll (4 rolls/box)
- **COLOR :** grey butyl compound with aluminium foil backing
- **COVERAGE :** depends on the length and the number of joints
- **APPLICATION**
  1. Substrate should be clean, dry, dust and oil free without any contamination that will obstruct the adhesion.
  2. Cut **weberseal tape** to required length. Remove the transparent film and press the tape firmly onto the substrate across joints and cracks. Use a suitable pressure roller to improve the adhesion.
  3. All joint connections should be overlapped 50 mm as the minimum requirement.

*\*Not recommended for use against water pressure*
- **SHELF LIFE AND STORAGE**

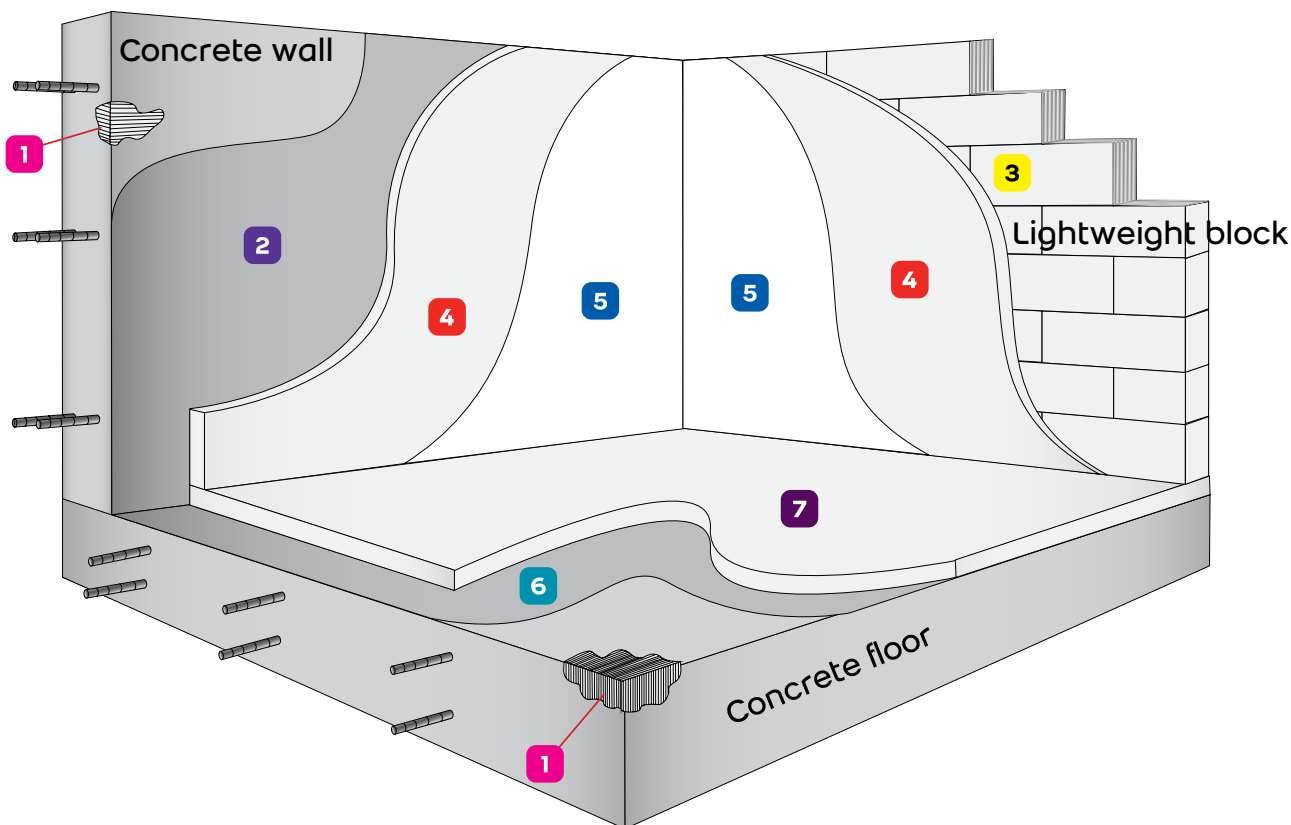
24 months from date of production when stored in a protected area away from direct sunlight in dry conditions at temperature between +10°C and +30°C

## TECHNICAL DATA

Test	Standard	weberseal tape
Thickness	-	1.0 mm
Tensile strength	ASTM D 1000	131 N/25 mm
Elongation	ASTM D 1000	91%
Specific weight	ASTM D 792	1.5 g/cm <sup>3</sup>
Peel adhesion strength on steel (180° peel)	ASTM D 1000	27 N/25 mm
Probe tack	ASTM D 2979	5 N
Vertical flow (6 hrs 80°C)	-	< 0 mm
Vertical flow (6 hrs 140°C)	-	< 0 mm
Application temperature	-	-30°C to +60°C
Service temperature	-	-30°C to +140°C



# Selection of product according to application for plastering and masonry mortar



- 1** Structural renovation of floor and wall



or

weberneo latex

weberrep repair mortar GP

- 2** Bonding primer to increase bonding to structural surface on both floor and wall



weberprim concrete

- 3** Lightweight block masonry mortar



weberset lightweight block

- 4** Admixture to mix with mortar to increase bonding on both floor and wall



weberneo latex

- 5** Perfectly smooth finishing with skim coat (cementitious/acrylic base)



or



weberbase skim coat

weberbase skim ultrabond

- 6** Bonding primer to increase bonding to structural surface on both floor and wall



weberprim concrete

- 7** Admixture to mix with mortar to increase bonding on both floor and wall

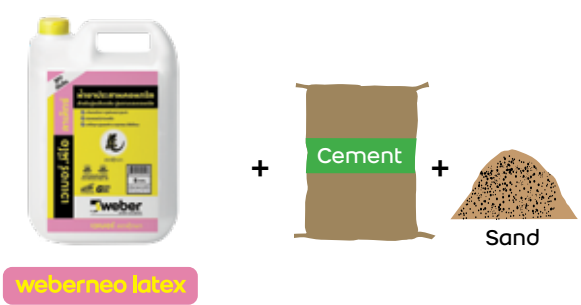


weberneo latex



# Lightweight block walls and concrete walls

- 1
- Concrete surface renovation of floor and wall



- 2
- Apply bonding primer on pre-cast and in-situ concrete walls to increase bonding for conventional plaster



- 3
- Lay lightweight blocks with special designed masonry mortar



- 4
- Increase strength and bonding to walls for conventional plaster or lightweight block plaster, also to decrease cracks



- 5
- Smooth finishing with skim coat on conventional plaster, lightweight block plaster, or concrete plaster



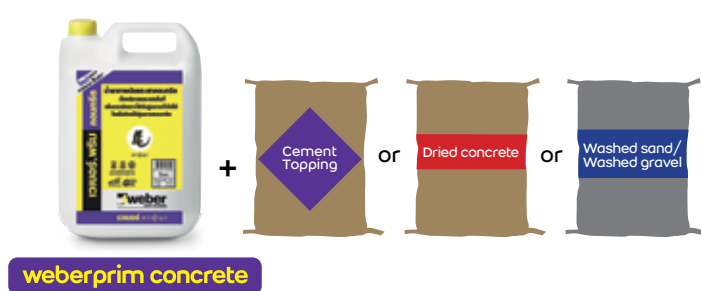
or

สก็มครีมนะครีกลีคสีทว พร้อมใช้งาน สำหรับสาบบางหรือโป๊ว ตกแต่งผนัง หรือฉาาเพดาน ใช้ได้ทั้งภายในและภายนอก



## Concrete floors

- 6
- Apply bonding primer to improve bonding before topping



- 7
- Improve strength and bonding for leveling mortar or new concrete





# Masonry mortar



Lightweight block masonry mortar

## weberSet lightweight block



High bonding strength among lightweight blocks



Add chemical agent for easy adjusting and fast installation



Certified standard with World Class Manufacturing (WCM) and Green Industry



Smooth & creamy. Easy application



For both interiors and exteriors



Low VOCs

**weberSet lightweight block** is masonry mortar for all kinds of lightweight blocks with smooth and creamy texture for easy application and giving excellent bonding for internal and external applications. The product is certified low VOCs giving no harm to applicators and residents.

- **PACKAGING :** 25 kg and 40 kg bag
- **COLOR :** grey
- **COVERAGE :** average 15-18 m<sup>2</sup>/25 kg bag  
average 25-30 m<sup>2</sup>/40 kg bag
- **APPLICATION**  
See details on page 66 - 67
- **TOOLS FOR LIGHTWEIGHT BLOCK INSTALLATION**
  - Lightweight block notched trowel
  - Mixing head
  - Rubber mallet
  - Lightweight block saw
  - Wooden sawback rasp tool
- **APPLICATION INSTRUCTIONS**
  - Do not add more water after the mortar reaches its initial set
  - Use the tools appropriately
  - Ensure of full contact of transfer to every side of lightweight blocks
  - Reinforce lightweight blocks with metal straps or rebars and making lintel poles and beams according to lightweight block manufacturers
- **SHELF LIFE AND STORAGE**
  - 1 year after manufacturing date when stored unopened in dry and ventilated place. Store air tight in dry and ventilated conditions if remained in opened bag
  - Storage should be in dry and off floor
  - Proper rotate the stock with FIFO (First In First Out)

## TECHNICAL DATA

Test	Result
Density of powder	1.40 g/cm <sup>3</sup>
Chemical curing time	2-3 minutes
Pot life (in shade)	4 hours
Waiting time before plastering	1 day
Application temperature	5 – 35°C

## CERTIFIED STANDARD

Test method	Standard	Result
Bonding strength ASTM C952-02	n/a	>2.66 ksc
Initial setting time ASTM C087-05	120-1000 min	750 min
Air content of mortar ASTM C231	8-21 %	15.5 %
Water retention ASTM C91	≥70 %	97.71 %
Low VOCs ISO 11890-2	< 0.05 % w/w	< 0.05 % w/w

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions



# Masonry mortar

## APPLICATION

### • Mixing



- Mixing proportion is 1 : 2.5-3 (water : **weberset lightweight block**) by volume. It is recommended to partially mix in one bucket at a time.



- Fill the right proportion of **weberset lightweight block** in to water, not the other way round.



- Mix with slow speed electrical mixer or partially mix by hand until homogeneous lump-free paste is obtained and wait for 2-3 minutes for chemical curing.



- Stir it again before using.

### • LIGHTWEIGHT BLOCK PREPARATION

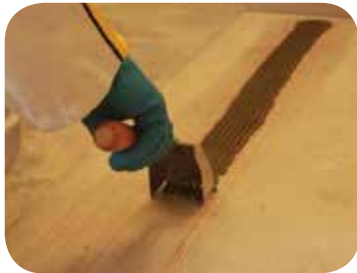


- Clean lightweight block with damp brush in order to remove dust and loose particles prior to the installation.

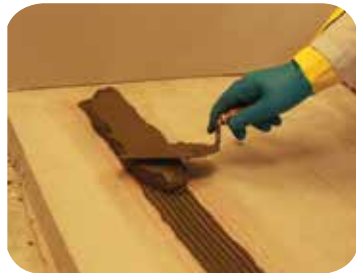
### • LAYING THE FIRST COURSE



1. Clean the substrate until free from dust.



2. Lay the first course by applying **weberset lightweight block** on the floor.



3. Follow with sand and cement thick bed (2-5 cm).



4. Apply **weberset lightweight block** both vertically and horizontally at the block.



5. Lay lightweight block in place and use rubber mallet for the alignment.



6. Check the alignment with bubble level by 3 methods as shown in the pictures (Type 1)



7. (Type 2)



8. (Type 3)



9. Follow item 4-8 for laying another block by using bubble level for checking alignment both horizontally and vertically.







# Masonry mortar

## • LAYING THE NEXT COURSES



1. Overlap the blocks by minimum 10 cm.



2. Cut into the right size.



3. Set the alignment with bubble level. If it is not yet level, use wooden sawback rasp tool to rasp the blocks until the alignment is obtained.



4. Apply lightweight block masonry mortar by either method 1 or method 2.



5. Lay each lightweight block and use rubber mallet to adjust until achieving vertical alignment.



## • METAL STRAP OR METAL REBAR INSTALLATION

For every 40 cm high or 2 courses

- Metal Strap size (3x22 cm) or Metal rebar (Ø 6 mm, 25 cm length)



1. Measuring



2. Chasing



3. Nail to the block



4. Nail to structural wall or column



Or use metal rebar installation instead



### Caution:

- Contains cement, which may lead to allergy. Contact with the product may cause irritation, dermatitis or skin burns.
- Avoid direct contact with skin and into eyes. Dress properly, wearing glove and mask while working with **weberset lightweight block**.
- Work in ventilated area.
- If contact with skin: immediately wash with soap and large amount of water.
- If contact into eyes: immediately wash thoroughly with clean water and seek medical advice.
- Keep out of children's reach.



# Wall preparation



**Pre-mixed cementitious mortar for adjusted wall level**

## weberbase levelling plaster



Smooth, easy application



Good bonding, dustless



Perfectly cover hairline cracks, bubbles and roughness



Suitable for 2-10 mm. thickness

**weberbase levelling plaster** is pre-mixed cementitious mortar for adjusting wall level. Suitable for concrete, precast concrete, texca wall system and plastering substrates.

- **PACKAGING:** 25 kg./ bag
- **COLOR:** grey
- **COVERAGE:** average 2 kg./m<sup>2</sup> at 2 mm. thickness  
10 kg./m<sup>2</sup> at 10 mm. thickness

### ● SURFACE PREPARATION

- Grind or scrape off the excess part of concrete after releasing form fromwork.
- The surface must be free from oil, grease and dust.
- New concrete or plastering should be left for at least 3-7 days for setting.
- Dampen the substrates with clean water to reduce water absorption.

### ● MIXING

1. Gradually add **weberbase levelling plaster** by the following ratio (water : **weberbase levelling plaster** 1 : 3.0-3.5 by volume or water 5.5 - 6.5 litre : **weberbase levelling plaster** 25 kg.) in water and mix at the same time by using slow speed (< 500 rpm) electrical mixer or hand-mixed properly with trowel until homogeneous lump-free paste is obtained.
2. After the application with plastering trowel, leave the area to be half dry and then lightly rub with sponge in circular movements.
3. when more thickness is required, apply another layer of **weberbase levelling plaster** on the first one after leaving 30-40 minutes to dry.
4. Can be painted or cover with other decorative materials.
5. Can be left bare for interior use.

### ● USES AND ADVANTAGES

- Suitable for these substrates
1. Conventional plaster or concrete plaster.
  2. Precast and cast in-situ concrete.
  3. Fiber-cement board or wood-cement board.
  4. Bricks or concrete blocks.
  5. Texca wall system, swimming pool concrete wall.

### ● RECOMMENDATIONS

1. Do not apply on cracks and joints that subject to movement.
2. Do not apply on AAC blocks or gypsum plasters.
3. For exterior use, the areas should be painted or covered with suitable cover material.
4. Do not add any other materials.

### ● SHELF LIFE AND STORAGE

1 year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

### TECHNICAL DATA

Test	Result
Density	1.30 g/cm <sup>3</sup> .
Chemical curing time	2-3 mins
Pot life	120 mins
Application temperature	+5°C and +35°C
Time to cover with paints or wall paper	3-7 days

### CERTIFIED STANDARD

Test	Result
Flexural strength (EN12808-4)	>4.88 N/mm <sup>2</sup>
Compressive strength (EN1015-11)	>14.54 N/mm <sup>2</sup>
Bonding strength (EN1015-12)	1.04 N/mm <sup>2</sup>
Initial setting time (EN196-3)	5 hour

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*



# Wall preparation



Fine skim coat with no sand providing perfectly smooth finishing



## weberbase skim coat



Perfectly cover roughness from sand



Perfectly cover hairline cracks and bubbles



Easy to apply



Can be painted over or left bare



Low VOCs



Resist to the changes of climate and temperature



For both interiors and exteriors

**weberbase skim coat** is pre-mix cementitious skim coat with no sand providing smooth texture for easy application from 0.5 – 2 mm. Giving good bonding and can be polished with sand paper for final surface or painted over. Suitable for both internal and external applications.

### • SUITABLE SUBSTRATES

#### - Plasters/Renders

- Tradition and pre-mixed renders/ plasters
- Smoothing mortars
- Lightweight block plasters
- Concrete plasters

#### - Concrete

- Cast in-situ
- Precast

#### - Existing paint\*\* (plastic paint\*\*)

#### - Existing skim coat

\*\*Ensure good painting adhesion and apply **weberprim concrete** before the application

### • PACKAGING: 20 kg bag

### • COLOR: white/grey

### • COVERAGE: average 15 m<sup>2</sup>/20 kg bag

### • APPLICATION

- See details on page 47

### • LIMITATIONS

- Application of **weberbase skim coat** should not be directly on anti-alkalinity primer and existing paint. Apply **weberprim concrete** on the anti-alkalinity primer or existing paint if necessary.
- Dampen the substrate before skim coating when working in the areas with strong wind and sunlight to avoid premature setting
- Apply anti-alkalinity primer on skim coated surface before painting

### • SHELF LIFE AND STORAGE

1 year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bag

### TECHNICAL DATA

Test	Result
Density of powder	0.97-1.05 gcm <sup>3</sup>
Chemical curing time	5 minutes
Pot life (in shade)	120 minutes
Waiting time before sanding	12 hours
Application temperature	5°C - 35°C
Waiting time before painting over or covering with wallpaper	24-48 hours

### CERTIFIED STANDARD

Test	Result
Bonding strength	0.93 N/mm <sup>2</sup>
Abrasion resistance	165 mm <sup>3</sup>
Flexural strength	2.22 N/mm <sup>2</sup>
Compressive strength	14.29 N/mm <sup>2</sup>
Bond strength by slant shear	2.21 N/mm <sup>2</sup>
Shrinkage	0.1 %
VOCs	< 0.05% w/w

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions





# Wall preparation

## ● SUBSTRATE PREPARATION FOR SKIM COATING ACCORDING TO EACH PROBLEM

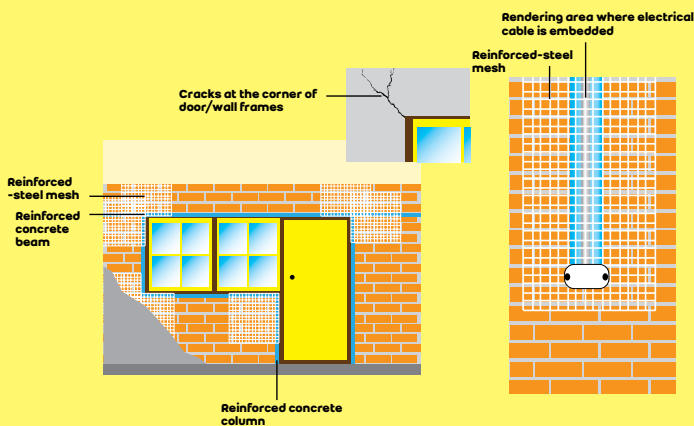
### Hairline cracks

- Able to use **weberbase skim coat** to directly apply



### Small cracks\*

- These could be from many reasons such as too thick or too thin rendering layer, no reinforced-steel mesh being used in the areas where exposing to excessive force like at the corners of door/window frames, rendering areas over embedded electrical cables, and at the joints between masonry walls and concrete structures
- Remark (\*) not the structural cracks



- \*\* Able to use **webertape fibermesh 100** replace the reinforced-steel mesh to improve both reinforcement and moisture resistance.

### Small cracks not over 0.5 mm.

- Apply **weberbase skim coat** directly onto the cracks

### Small cracks but bigger than 0.5 mm.

- Use a trowel to slightly open the cracks
- Clean the cracks from dirt
- Fill in the cracks with wall putty or acrylic filler
- Use **weberseal acrylic GF** instead of wall putty when the cracks' depth and width are more than 3 mm.
- Wait until completely dry
- Sanding over
- Apply **weberbase skim coat**



## ● APPLICATION

### PRODUCT MIXING

- Mix 1 bag (20 kg) of **weberbase skim coat** into 7 – 7.5 liters of clean water, or by volume proportion of 1 : 2.3 (water : **weberbase skim coat**). Mix with slow-speed electrical mixer or partially mix by hand until homogeneous lump-free paste is obtained
- Wait for 5 minutes for chemical curing before using
- Use **weberbase skim coat** within 2 hours after mixing



### APPLICATION

- Damping the substrates with water to reduce water absorption



- Use the polishing trowel to constantly apply **weberbase skim coat** until reaching required thickness. The thickness of one-time applying of **weberbase skim coat** is 0.5 – 2 mm. If more thickness is required, apply another layer after the first layer sets, around 15 – 30 minutes



- When more smoothness is required, use sponge trowel or polishing trowel to polish the surfaces when the layer of **weberbase skim coat** does not set yet



- Or using sandpaper to polish the surface on the next day to achieve the level of required smoothness



### ⚠ CAUTION:

- Contains cement, which may lead to allergy. Contact with the product may cause irritation, dermatitis or skin burns
- Avoid direct contact with skin and into eyes. Dress properly, wearing glove and mask while working with **weberbase skim coat**
- Work in ventilated area
- If contact with skin: immediately wash with soap and large amount of water
- If contact into eyes: immediately wash thoroughly with clean water and seek medical advice
- Keep out of children's reach



# Wall preparation



**Ready-to-use white acrylic skim coat for perfectly smooth finishing on walls, columns and ceilings**

## weberbase skim ultrabond



Save time and easy to apply in order to make the smooth surface with 1 or 2 coat



Perfectly cover on unsmooth substrates both cementitious ones and existing paints



Excellent adhesion and better resistance to weather variation without cracks and peelings



Easy to sand afterward and No dust

**weberbase skim ultra bond** Ready-to-use Acrylic white skim coat for perfectly smooth finishing on walls, columns and ceilings

### ● KEY BENEFITS

1. Save time and easy to apply in order to make the smooth surface with 1 or 2 coat
2. Perfectly cover on unsmooth substrates both cementitious ones and existing paints.
3. Can be painted over, No need for new paint primer process
4. Excellent adhesion and better resistance to weather variation without cracks and peelings
5. Easy to sand afterward and No dust

● **PACKAGE :** 4 kg. and 20 kg. plastic drum

● **COLOR :** white

● **CONSUMPTION :** 0.5 - 1.5 kg./m<sup>2</sup>/mm.

### ● SURFACE PREPARATION

1. Cut and grind thick seams and residue from the surfaces.
2. Repair cracks and fill small holes.
3. In case of existing paint substrates, Try to remove unbonded ones.
4. The surface must be clean and dry without any oil, dust and dirt

### ● APPLICATION

1. Ready-to-use skim coat paste (Do not mix with any others)
2. Use steel trowel to constantly apply **weberbase skim ultra bond** until required thickness is obtained. Maximum thickness per coat is 0.3-4 mm.
3. If the area requires a thick coat, apply another layer after previous coat has set. Interval time between coats is 1-2 hr.
4. Smoothen over the dry final surface of skim coat with fine sandpaper.
5. It is possible to paint on skim coat surface with or without new paint primer process.
6. Can be left bare for interior only

### ● AREAS OF USE

- Walls, columns and ceilings for both interiors and exteriors
1. Conventional plasters, lightweight block plasters and Concrete plasters.
  2. Precast and Cast Insitu Concrete.
  3. Gypsum boards, Fiber cement boards and Wood Cement boards.
  4. New paint primers or paints.
  5. Existing skim coat for both cementitious and Acrylic ones

### ● RECOMMENDATION

1. New wall plastering should be left at least 2-3 weeks before skim coat commencement.
2. Do not apply **weberbase skim ultra bond** on movement cracks or structural cracks.
3. Not suitable for very humid and wet areas.
4. Painting on skim coat surface is recommended for exteriors.
5. Do not mix or add any other products

### ● SHELF LIFE AND STORAGE

1 year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened bucket

### TECHNICAL CHARACTERISTICS

Test	Result
Density	1.6 g/cm. <sup>3</sup>
pH	9
Composition	Synthetic resin, filler and admixture
Bonding strength	>0.5 N/mm <sup>2</sup>
Application temperature	5-35 °C
Waiting time before sandpaper over the dry final surface	12-24 hours
Waiting time before painting	1-2 day

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*



**Pre-mixed cementitious non-shrink grout with high compressive strength**



## webertec non-shrink grout+



Excellent flowability



High strengths



No bleeding



Impact and vibration resistant

## webertec non-shrink grout+ Cementitious non-shrink mortar for general purpose

### Suitable for

- ✓ Machine foundations
- ✓ Rail beds foundations
- ✓ Bridge bearings foundations
- ✓ Carities, gaps, recesses
- ✓ Precast structure
- ✓ Anchor bolts

● **PACKAGING:** 25 kg bag

● **COLOR:** grey

● **COVERAGE:** Grouting works : Approximate 2 kg. of powder per 1 litre of mortar or 16 kg./m<sup>2</sup> at 10 mm. thickness.  
Repairing works : 16 kg./ m<sup>2</sup> at 10 mm. thickness.

### ● SURFACE PREPARATION

- Concrete surface must be free from oil, grease and dust. Loose contaminants and unsound concrete must be chipped away.
- Make sure that bedplate, bolts, pipes or other materials, which may have surface contact with the grout free from rust, oil, grease and dust.
- Damper absorbent surface until reaching its saturated point. No standing water in side the formwork.

### ● MIXING

- Mix the powder with pre-measured clean water to suit the desired consistency.
- Mix approx 3.75-4 litres of water with 1 bag (25kg) of **webertec non-shrink grout+** (15-16% by weight of powder or water : powder ratio is 1:4 by volume)
- Mix with an electrical mixer (Max.speed 500 rpm) or in a pan or revolving barrel type mixer. Stand the mixture approximately 3-5 minutes after mixing to achieve maximum results.

### ● APPLICATION

- Formwork needs to be stable with out any gap to prevent the grout leak.
- Pour mortar after mixing. Ensure that air entrapped into the grout is allowed to escape
- In case of using machine ensure sufficient head of pressure is maintained to keep mortar flow uninterrupted.
- To prevent rapid surface drying and crazing, curing the area for 3-7 days
- Clean all tools and equipments with clean water immediately after use

### ● SHELF LIFE & STORAGE

1 year after manufacturing date when stored unopened in dry and ventilated place (store airtight in dry and ventilated conditions, if remained in opened bag).

### TECHNICAL DATA

Type	webertec non-shirnk grout+
Density	140 g/cm <sup>3</sup> .
Application temperature	+5°C and +40°C
GUARANTEED STANDARD	
Test	Result
Compressive strength ASTM C109	
1 day	270 ksc
7 day	550 ksc
28 day	720 ksc
Flexural strength ASTM C348	
1 day	60 ksc
7 day	90 ksc
28 day	100 ksc
Setting time ASTM C-807	
Initial Setting time	2 hour 30 minute
Final Setting time	3 hour
Bleeding	0%

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*





Suitable for pre-cast, cast insitu, masonry and plastering surface.



## weberep repair mortar GP



Easily mix with water to use



2 - 35 mm. thickness application.



Paintable



Good bonding strength.



Fiber-reinforced cementitious mortar

**weberep repair mortar GP** use for repair concrete facades, spalling, honeycombing and restructuring balconies, terraces, walls and cornices.

- **PACKAGING:** 5 kg bucket
- **COLOR:** grey (natural cement)
- **COVERAGE:** Approximate 2 kg. of powder per 1 liter of mortar or 16 kg./m<sup>2</sup> at 10 mm. thickness.

### USES AND ADVANTAGES

1. Repair of chipped column, beam and floor.
2. Repair of spalling and honeycombing on concrete surface.
3. Repair footpath area.

### SURFACE PREPARATION

- The surface must be free from oil, grease, paint and dust.
- The rebars should be free from rust, oil and grease.
- Remove all loose, unsound, contaminated concrete or laitance from the patch area.
- Brush, scrape or sandblast corroded rebars in order to remove non-adherent rust.
- Dampen the substrates with clean water to reduce water absorption.

### APPLICATION

1. Put the right proportion of clean water in the mixed container.
2. Mix approximately 19-20% of water (0.95-1 liter) with 1 bucket (5 kg.) of **weberep repair mortar GP** or **weberep repair mortar GP** : water = 3.7 : 1 by volume
3. Mix at the same time by using slow speed (<500 rpm) electrical mixer or hand-mixed by trowel in case of a little use.
4. Leave the mortar at least 3-5 minutes.
5. Apply by a trowel in 1 or 2 coats, pressing firmly to ensure bonding.

6. When apply at the corner, use 2 trowel or install one side of formwork to prevent the mortar leak.
7. Intervals between coats should be 2 to 3 hours.

### RECOMMENDATIONS

1. Do not add any admixtures or other materials.
2. Do not add more water when the mortar is setting and should use within 2-3 hours.
3. After finishing, protect the mortar from drying out by using the relevant curing method at least 3-7 days.

### SHELF LIFE & STORAGE

1 year after manufacturing date when stored unopened in dry and ventilated place (store airtight in dry and ventilated conditions, if remained in opened bucket).

### TECHNICAL DATA

Properties	weberep repair mortar GP
Density	1.35 kg./liter
Chemical curing time	3-5 mins
Pot life	2 hours
Application temperature	5-35 degree Celsius

### STANDARD TEST

Properties	weberep repair mortar GP
Compressive strength ASTM C109	>240 Ksc
Flexural Strength ASTM C348	6 N/mm <sup>2</sup>
Setting time EN 195-3	
Initial setting time	2 hours
Final setting time	3 hours

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions



**A solvent free two-components epoxy**



## weberanc epoxy 2K

- Non-shrinkage
- Suitable for both bonding and repairing concrete
- Good abrasion resistance
- High strength adhesive
- Non-sag in vertical and overhead applications
- Impermeable to liquids and water vapor
- Chemical resistance
- High initial and ultimate mechanical strength

**weberanc epoxy 2K** is a solvent free two-components epoxy paste which is specially formulated from high grade epoxy resin. It has non-sagging property with high stability for easy and versatile applications

- **PACKAGING:** 1 kg/2 kg
- **COLOR:**
  - : Component A: light-grey
  - : Component B: dark grey/black cream
  - : Components A+B mixed: concrete grey
- **COVERAGE:** The consumption of **weberanc epoxy 2K** is ~ 1.9 kg./m<sup>2</sup> per 1 mm. of thickness.

### ● SURFACE PREPARATION

- Mortar and concrete must be older than 28 days (depends on minimal requirement of strengths).
- Verify the substrate strength (concrete, masonry, natural stone).
- The substrate surface (all types) must be clean, dry or mat damp (no standing water) and free from contaminants such as dirt, oil, grease, existing surface treatments and coatings etc.
- Steel substrates must be cleaned and prepared thoroughly to an acceptable quality i.e. by blast cleaning and vacuum. Avoid dew point conditions.

### ● MIXING

- Pre-batched units: Mix components A+B together for at least 3 minutes with a mixing spindle attached to a slow speed electric drill (max. 500 rpm) until the material becomes smooth in consistency and a uniform grey color.
- Avoid air entraining while mixing. Then, pour the whole mix into a clean container and stir again for approximately 1 minute at low speed to keep air entrapment at a minimum. Mix only that quantity which can be used with in its pot life.

### ● APPLICATION

*As a structural adhesive and mortar for:*

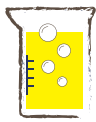
- Concrete elements
- Ceramics, fiber cement
- Wood
- Polyester, Epoxy
- Hard natural stone
- Steel, iron, aluminum
- Glass
- Mortar, Bricks, Masonry

*As a repair mortar and adhesive:*

- Joint and crack arris/edge repair
- Holes and void filling
- When using a thin layer adhesive, apply the mixed adhesive to the prepared surface with a spatula, trowel, notched trowel.
- When applying as a repair mortar use some formwork.
- When using for bonding metal profiles onto vertical surfaces, support and press uniformly using props for at least 12 hours, depending on the thickness applied (not more than 5 mm.) and the room temperature.
- Rebar anchoring, Drill holes 1-3 mm. wider than the diameter of the rebar.

### TECHNICAL DATA

TYPE	weberanc epoxy 2k
Density	Part A 1.7 kg/liter Part B 1.87 kg/liter
Mixing ratio	A:B = 2:1 by weight
Pot life	45 minutes at 30°C
Initial hardness	3-4 hours (Shore D hardness = 70 at 6 hours)
Shrinkage	Non-shrink
Sagging	Non-sag
Compressive strength	63-65 N/mm <sup>2</sup> at 1 days 87-89 N/mm <sup>2</sup> at 7 days 93-98 N/mm <sup>2</sup> at 14 days
Slant shear test	20 N/mm <sup>2</sup> at 1 day (failure in concrete) 21 N/mm <sup>2</sup> at 7 day (failure in concrete)
Bond to concrete	dry condition: > 1.5 MPa (failure in concrete) wet condition: > 2.3 MPa (failure in concrete)
Tensile strength	19 N/mm <sup>2</sup> at 7 days



**Bonding improving primer for pre-cast and cast in-situ concrete walls and columns without using specific concrete plaster**



## weberprim concrete



Increase bonding of conventional plaster to concrete substrate, without the use of expensive concrete plaster



Reduce complicated steps of rendering on concrete walls and columns



Replace textures



Material and labor costs saving



For both interiors and exteriors



5 times cost saving\*



Easy to use, fast and convenient

**weberprim concrete** is bonding improving primer, only mixed with the right proportion of clean water according to application such as:

- Apply on concrete walls or columns to improve bonding between the substrate and ordinary plaster
- Apply on anti-alkalinity primer or new emulsion paint to improve bonding prior to the application of cement based skim coat
- Apply on cement based floor to improve bonding prior to the application of cement based topping, new concrete, terrazzo or exposed aggregate finish

● **PACKAGING:** 5 kg/Gallon

● **COLOR:** milky white

● **COVERAGE:** Wall : 190 m<sup>2</sup>/ a gallon of 5 kg  
Floor : 140 m<sup>2</sup>/ a gallon of 5 kg

- Coverage calculated after mixing with recommended proportion of water, applying by roller
- Coverage may varies according to absorption rate of substrate

### ● MIXING:

**For applying ordinary plaster on concrete walls and columns/ for applying skim coat on anti-alkalinity primer and or emulsion paint**

- Mix **weberprim concrete** with clean water at the ratio of 1 : 2 by volume For concrete floor
- Mix **weberprim concrete** with clean water at the ratio of 1 : 1 by volume

### ● APPLICATION:

- Using brush or wool roller to apply the mixture prior to application of wall plaster or floor topping on concrete substrates.

### ● KEY BENEFITS:

- Replace textures
- 5 times cost saving\*
- Easy application and time saving

### ● RECOMMENDATION:

**weberprim concrete** should be mixed with the right proportion of water according to the application. Applying by wool roller is faster and more efficient than using brush

### ● AREA OF USE:

Both internal and external concrete walls and floors, on any walls after coating with anti-alkalinity primer or emulsion paint

### ● LIMITATION:

- Before plastering : **weberprim concrete** (the mixture) should be re-applied if leaving the prior coat longer than 24 hours.
- Before floor topping : **weberprim concrete** (the mixture) should be re-applied if leaving the prior coat longer than 1 hour.

### ● SHELF LIFE& STORAGE:

1 year after manufacturing date when stored unopened in dry and well-ventilated place

## TECHNICAL DATA

Test	Result
pH	3.5-4.5
Specific gravity	1
Viscosity	200-300 cps.
Bond to concrete	0.5 Mpa (N/mm <sup>2</sup> )

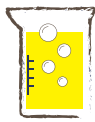
*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

## CERTIFIED STANDARD

Standard	Accredited by
World Class Manufacturing (WCM)	Institut Lean France
Green Industry	Ministry of Industry
ISO 9001	SGS Thailand
ISO 14001	SGS Thailand
OHSAS 18001	SGS Thailand

\*Cost of labor and material comparison between texture method and application of **weber.prim concrete**





# Admixture



**Intense concrete admixture to increase bonding property**



## weberneo latex



Improve bonding between existing and new leveling /plastering mortars



To level and to renovate concrete surface with thickness more than 5 mm.



Reduce cracks and peel-off plaster



Improve bonding of tile grout for renovation

**weberneo latex** is intense concrete admixture to improve bonding property. Use to increase bonding between existing and new leveling/plastering mortars

- **PACKAGING:** 1 kg and 5 kg gallon
- **COLOR:** milky white
- **COVERAGE:** average 5 m<sup>2</sup>/1 kg gallon  
average 25 m<sup>2</sup>/5 kg gallon
- **SUBSTRATE PREPARATION**
  - Substrate should be level and clean with no dust
- **APPLICATION**
  - Shake the gallon well until having uniform liquid
  - Mix the product with water according to the proportion shown in the table
  - Pour the mixture in mortar as per the applications stating in the table
  - Mix well until obtain homogeneous paste



- **LIMITATION**
  - Do not use without diluting
  - Do not use in the area with temperature below 0°C

- **SHELF LIFE AND STORAGE**  
1 year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened gallon

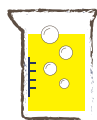
## MIXING PROPORTION

Proportion of mortar (Cement + Sand+Stone)	Application	Proportion of weberneo latex + water
	- Plastering - Concrete blocks & bricks masonry (thickness > 1 cm)	 1 parts 6 parts
	- Wall plastering (thickness >1 cm) - Repair and reinforce concrete surfaces (thickness 5 – 10 mm)	 1 parts 6 parts  1 parts 2 parts
Tile grout	- Renovating grout joints or damaged existing grouts	 1 parts 7 parts
Gypsum plaster	- Increase bonding	 1 parts 3 parts
	- Concrete	 1 parts 6 parts

## TECHNICAL DATA

Type	Concrete admixture
Bond to concrete	1.3 MPa (N/mm <sup>2</sup> )
Resistance to shrinkage (NFP 84 – 402)	0.8 mm (air)
Specific gravity	1
pH	3.5-4.5

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*



## weberprim 2



Increase bonding strength on special substrates like existing tiles, PVC tiles, wood-cement boards, fiber-cement boards, parquets and epoxy floors



Moisture prevention on special substrates



Easy to use by roller

**weberprim 2** is ready-to-use primer to improve bonding before tiling and to prevent moisture on special substrates like plywoods, woods, wood-cement boards, fiber-cements, and existing tiles

● **PACKAGING:** 1 kg, 4 kg bucket

● **COLOR:** light yellow

● **COVERAGE:** average 6.5 m<sup>2</sup>/1 kg bucket  
average 26 m<sup>2</sup>/4 kg bucket

### ● RECOMMENDATION

- Apply **weberprim 2** on absolute dry surface
- Clean the tools immediately after use with water
- Do not mix **weberprim 2** with water nor any substances
- Read instructions carefully
- If contact with skin, wash off with plenty of clean water

### ● SUBSTRATE PREPARATION

- Substrates should be hard, dry, and clean
- Remove any residues, old paints & adhesives, greases, or oils
- Slightly polish the surface of glazed tiles with sand paper
- Polish off varnish on woods and parquets with sand paper, clean with water and let dry

### ● APPLICATION

- Stir well
- Use paint roller or brush to thoroughly apply **weberprim 2** on substrates, ensure uniform thickness
- Leave the area for at least 1 hour before tiling with weber tile adhesive within 1 – 4 hours



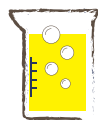
### ● SHELF LIFE AND STORAGE

1 year after manufacturing date when stored unopened in dry and ventilated place. Store airtight in dry and ventilated conditions if remained in opened gallon

### TECHNICAL DATA

Type	Bonding primer
Setting time	1 – 4 hours
Texture after setting	Yellowish translucent film
Bonding strength	> 0.5 N/mm <sup>2</sup>
pH	8
Application temperature	+5°C to +35°C

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*



**Waterproof admixture for concrete and mortar.  
To increase waterproofing property in concrete,  
plaster, and screed**

## weberad mortar plus



Waterproofing agent



Increase mechanical strength



Greater workability



Water-reducer plasticizer



Reduce shrinkage



Good for areas constantly in contact with water

**weberad mortar plus** is waterproofing admixture, mixing with water prior to mix with concrete, plaster, and screed. Water-reducer plasticizer deflocculates the cement particles and reduces surface water tension, leading to reduction of the mixing water, greater workability, and complete hydration of cement. Suitable to use with concrete, plaster, and screed in the areas where constantly in contact with water like shower areas\*, swimming pools\*, water retentions\*.

*\*To obtain better waterproofing performance, another layer of waterproofing product is recommended.*

- **PACKAGING:** 5 kg/gallon and 20 kg/drum
- **COLOR:** Brown
- **COVERAGE:** 1 kg mixed with water/50 kg cement

### ● APPLICATION

- Add **weberad mortar plus** to the mixing water prior to the mixing process of concrete and mortar.
- 1 kg of **weberad mortar plus** to mix with 50 kg cement
- Total mixing water should be reduced by 5 – 10 % before the introduction of **weberad mortar plus**.

### ● AREAS OF USE

The areas where constantly in contact with water such as shower areas, swimming pools, water retentions

### ● LIMITATIONS

- Overdosing **weberad mortar plus** could delay the setting time of concrete and mortar.
- **weberad mortar plus** is to be added to mixing water prior to mix with concrete and mortar.
- Adding **weberad mortar plus** directly into the mixture of concrete/mortar could cause the problem to its setting process.

### ● SHELF LIFE AND STORAGE

1 year after manufacturing date when stored unopened in dry and well-ventilated place

### TECHNICAL DATA

Type	weberad mortar plus
Appearance	Brown liquid
Specific gravity	1.06 g/cm <sup>3</sup>
pH	6 ± 0.5
Capillary absorption 28 days (EN 480 - 5)	
- Mortar	0.017 g/mm <sup>2</sup>
- Concrete	0.013 g/mm <sup>2</sup>

*Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions*

### CERTIFIED STANDARD

Standard	Accredited by
World Class manufacturing (WCM)	Institut Lean France
Green Industry	Ministry of Industry
ISO 9001	SGS Thailand
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OHSAS 18001	SGS Thailand





**Cement-based rapid-drying pumpable self-leveling floor for industrial and commercial applications**

## weberfloor 4655



Easy application by hand or continuous pumping mixer



Rapid drying and fast setting



Low shrinkage



High surface strength



Low emission, non toxic



Can be used as a finish layer



Can be coated to improve surface property by demand



**weberfloor 4655** is cement-based pump-able self-leveling floor for industrial and commercial applications. It can be mixed by hand or continuous pumping mixer. **weberfloor 4655** is designed to be final layer, and also can be used as leveling layer before coating with epoxy, polyurethane, or other coating material in order to suit the demand. Application thickness is between 4 – 15 mm.

### ● APPLICATION AREAS

With its rapid drying property, **weberfloor 4655** is then suitable for renovation of floors with time constrain. It can be coated with **weberfloor 4720**, wax, epoxy, or polyurethane; upon application demand of the floor. **weberfloor 4655** is ideal for renovation and also for new construction of

- Industrial areas
- Car parks
- Department stores
- Warehouses
- Showrooms
- Offices
- Meeting rooms

### ● WORKING INSTRUCTIONS

Light ventilation in the working area is necessary but windows and doors openings must be closed sufficiently to avoid draughts during and for 3 days after the application. Relative humidity of substrate must be < 6%.

### ● SUBSTRATE PREPARATION

- Leave new screed for at least 28 days for complete chemical curing in order to avoid cracks.
- Clean the entire surface by using Blastrac machine or other appropriate method.
- Torch any oil residues; do not clean with wet method. The drier the better.
- Check surface strength

- Compressive strength\* = 25 N/mm<sup>2</sup>

\*by using Schmidt Hammer

- Bonding strength\* = 1 N/mm<sup>2</sup>

\*by using Pull-off tester



Schmidt Hammer



Pull-off tester

Then priming the area with **weberfloor 4716**

*\*\*If detected values are less than recommendation, using epoxy primer to improve bonding.*

- Fix any uneven areas, holes, with repair mortar or use **weberfloor 4655** mixing with washed sand.
- In case of the hole is deeper than 10 cm, use washed gravel size 16 – 32 mm fill in the hole and then fill up with **weberfloor 4655**.
- Cut cracks into V shape and cut across at every 15 – 20 cm to put in reinforced steel plate. Fill up with epoxy and sprinkle sand size 0.8 – 1.8 mm on top.



## ● Preparation and priming

- Prime the area with 2 coats of **weberfloor 4716** diluted with water 1 : 3. Waiting 30 – 60 minutes between coats to let the primer dries.  
\*In case of high absorption, prime an extra coat with 1 : 5 dilution of **weberfloor 4716** : water before normal priming process.
- When **weberprim 4716** bonding primer has dried colorless, **weberfloor 4655** can be poured on top of the area. Maximum waiting time between priming and coating is 48 hours.
- If there is moisture rising from the substrate, either apply waterproof layer or use epoxy primer to protect the moisture.



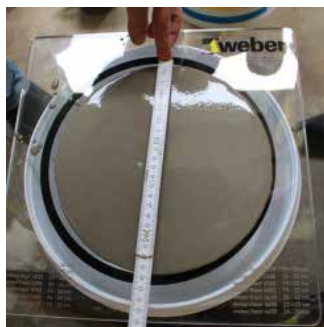
## ● MIXING

### Mix manually:

- Pour 5.25 L of water in mixing container and then gradually add 1 bag (25 kg) of **weberfloor 4655**.
- Mixing with slow speed mixer (connected to a proper mixing head) for 2 – 3 minutes until obtaining homogeneous lump-free paste.
- Stand the mixture for 1 minute for chemical curing and mix thoroughly again before using
- The container should be big enough for mixing 2 – 3 bags at the same time

### Continuous mixer:

- Adjust the amount of water in according with the mixing ratio. Check the flow by using flow ring and measuring plate, to get spreading dimension of 240 – 260 mm.



- The finished mixture is then conveyed to the application area through hose.

## ● APPLICATION

- Leveling requirement should be assessed prior to application. Required heights of finished floor should be marked. Existing expansion joints must be incorporated.
- Divide the area into sections by using self-adhesion blocking strip.
- **weberfloor 4655** is preferable pumped onto primed surface in sections, with maximum 50 – 70 cm wide and 12 – 15 m long.
- Each new section is placed next to prior section as quickly as possible so that the compound can flow together.

- Then using spatulas to spread the product through the area with the use of spike rollers in order to avoid bubbles.
- Avoid draughts and direct sunlight after finish.

## ● SHELF LIFE AND STORAGE

Store in dry conditions and closed bag provides 6 month shelf life. Longer storage time may have an adverse impact of the leveling property.

## ● PACKAGE:

25 kg bag

## ● ENVIRONMENTAL ADVICE

Information for environment GISCODE ZP 1;WGK:1;BetrischV: Not applicable

The product hardens 1-3 hours after adding water and can then be disposed as of building rubble.

## ● SAFETY INSTRUCTION

- Mineral mortars have an alkaline reaction with water.
- Avoid contact with eyes and skin. Wear protective goggles/ face protection/ gloves.
- If contact with eyes, rinse immediately with plenty of water and seek medical advice.

## PRODUCT SPECIFICATION

Properties	weberfloor 4655
Consumption	1.7 kg./m <sup>2</sup> /mm.
Appropriate thickness	4 – 15 mm. (Recommended thickness 6 – 8 mm.)
Application temperature	+10°C - +35°C

## SETTING TIMES

Before foot traffic	1 – 2 hours.
Before light traffic	24 hours.
Before common traffic	7 day

\*High humidity environment and moisture in the substrate can prolong the setting times

## USE

Internal use	
Water for mixing ratio	Approx 5.25 – 5.27 L per 25 kg bag (21 – 33%) Water addition
Compressive strength	C30
Flexural strength	F7
Shrinkage	< 0.04%
Flow rate according to Weber standard	240 – 260 mm, ring: 68/H 35 mm
Reaction to fire	A
Aggregate size	1 mm largest grain
Pot life	15 – 20 minutes



**Water-borne primer dispersion for use with cementitious flooring products**



## weberfloor 4716



Water-borne primer dispersion for use with **weberfloor 4655**



Can be used on dense and high-water-absorption substrates



Easy to use, only mix with water and apply with floor brush



Improves the adhesion of flooring products



Reduces the formation of pinholes in the levelling layer

**weberfloor 4716** primer is a styrene acrylate dispersion which can be diluted with water and is intended for use with weber's flooring products. **weberfloor 4716** does not contain ammonia. It offers good alkali resistance and adhesion properties in both wet and dry environments.

● **PACKAGE:** 5 kg gallon

### ● USES

**Weberfloor 4716** is designed for priming (pre-treating) all substrates prior to application of weberfloor products. **Weberfloor 4716** should be diluted with clean water before use.

### ● SUBSTRATE

**Weberfloor 4716** is designed for use on a wide range of substrates:

- In-situ and pre-cast concrete
- Lightweight concrete
- Ceramics
- Stone
- Timber
- Steel plate\*

\*Rust-prevention primer should be used before the application of **weberfloor 4716**

### ● SUBSTRATE PREPARATION

The substrate should be dry, clean, and free from dust, cement, grease or other impurities which might prevent **weberfloor 4716** from adhering to the substrate. If the substrate is highly absorb water there might be bubble formation on the applied surface, It's recommended to apply another layer of primer.

For correct film formation the substrate temperature should not fall below +6°C. For best results working temperature should be between +10 and +30°C.

### ● MIXING

**Weberfloor 4716** should be diluted with clean water according to the ratios given below.

To obtain the correct mixed ratio, always measure the water in to mixing container and add concentrates primer later. Addition of water to the concentrated primer may result in foaming. The dilution of water and primer is easily mixed with a stirrer.

### ● APPLICATION

The primer solution should be spread evenly over the prepared floor surface using a soft brush, avoiding ponding, and allow to become touch dry (3 – 5 hours under normal conditions). After application and while the primer is still fresh, it should be lightly brushed to ensure a complete uniform film has been applied.

If apply by spraying machine, 2 coats are recommended. Clean all tools quickly after use before the primer dries.

### MIXING RATIO

Floor substrate	Mixing ratio 4716 : water	Coverage (L/m <sup>2</sup> )	No. of coat
Concrete	1:3	0.10	1
Wooden floors/ Linoleum	5:1	0.20	1
Corrosion protection steel	5:1	0.20	1
Epoxy Primer	5:1	0.20	1
Homogeneous PVC	1:1	0.15	1
Ceramic tiles	1:1 + powder**	0.15	1
porous substrate	1:5 and 1:3	0.2-0.4	2

\*\*Sprinkle in product powder or fine sand and brush it into the wet primer

### ● HEALTH AND SAFETY

Essentially non-hazardous

Not harmful under normal use

After contact with skin, wash immediately with plenty of water  
If contact with eyes, rinse immediately with plenty of water and seek medical advice

Keep out of children's reach

### ● DRYING TIME

3 – 5 hours in normal conditions

Overnight under poor conditions

### ● SHELF LIFE AND STORAGE

1 year in concentrated form in dry, frost free conditions.  
If **weberfloor 4716** has been allowed to freeze it should not be used.





Coating solution to strengthen floor surface especially industrial floor



## weberfloor 4720



Strengthening cement-based substrates



For industrial, warehouses, car park for instance



For both interiors and exteriors



Environmental friendly-solvent free

**Weberfloor 4720** is pre-mixed 1-component alkali-silicate solution (water glass). **weberfloor 4720** is suitable for strengthening extremely absorbent and chalking concrete or cement-based substrates in interior and exterior areas. The product is clear and leaves the original appearance of the surfaces. **weberfloor 4720** is ready-to-use without any mixing required. It can be used on all cement-based floors that are subject to high mechanical and thermal stress. It also can be used to strengthen the floors before coating with epoxy/PU.

- Very good penetration
- Highly strengthening effect
- Reduce oil penetration
- Highly water vapour permeable
- Withstand high level of thermal stress
- Environmental friendly - water-based and odorless
- Easy to use
- Fast drying

- **PACKAGE:** 25 kg gallon
- **COLOR:** transparent
- **COVERAGE:** 150 – 300 g/m<sup>2</sup> depending on substrate porosity

### USES

**Weberfloor 4720** is suitable to coat the surface of heavy-duty areas and where there is temperature change e.g. industrial floor, foundry industry, industrial floor with forklift traffic.

### SPECIAL INSTRUCTIONS

- Standing water can leave white edges after it dries off. The removal of such stains is nearly impossible.
- Strengthening of high polymer-modifies, cement-based patching or leveling mortars and calcium-sulphate screeds is not possible due to their low porosity.
- Relative humidity rate while drying is 85% max.

### SUBSTRATE PREPARATION

- The substrate must be solid, uniformly air-dry, sound, absorbent and free of oil, grease, paints, plastics, dust, and other contaminations.
- The product can be used on fresh untreated concrete surfaces as soon as they are open to pedestrian traffic and air-dry.

### APPLICATION

1. **Weberfloor 4720** is applied undiluted with brush, broom, or roller until saturation. Avoid puddle otherwise glossy darker spots can occur.
2. A spray application with airless devices is also possible for high absorbent concrete floors: pressure 2 – 4 bars, nozzle approx 2 mm, spray angle 40 – 80° flat jet.
3. Glass and aluminium must not come in contact with **weberfloor 4720**, use masking tape for the prevention. Contamination must be washed off immediately with plenty of water.
4. Number of coats: 1 – 2, depending on the substrate porosity.

### AFTER CARE

When use outdoors, the treated surface must be protected for at least 24 hours from rain and moisture.

### SHELF LIFE AND STORAGE

1 year in dry, frost free conditions. **weberfloor 4716** is destroyed by frost and cannot be used after thawing.

### TECHNICAL DATA

Type	weberfloor 4716
Setting time	8 hours
Open to pedestrian traffic	12 hours
Open to full service	7 day
Temperature resistance	-50 to +800°C
Application temperature (air)	> +10°C to < +40°C

Remark: These test results are from laboratory test. They could be slightly different from on-site results because of the differences in applications and conditions



## weberfloor 1145



Self leveling property



To level the floor before laying tiles, PVC tiles, parquet, or other floor covering materials



Application thickness 4–10 mm. (recommended at 4–5 mm.)



Easy to use, fast to apply

**weberfloor 1145** is pre-mixed mortar designed to level the floor thickness between 4–10 mm (recommended thickness is 4–5 mm) with self leveling property before covering with PVC tiles, parquets, floor tiles, or other floor covering materials in residential areas, hospitals, and commercial areas.

- **PACKAGING:** 25 kg bag
- **COLOR:** Grey (natural cement)
- **COVERAGE:** 1.7 kg/m<sup>2</sup>/mm.

### APPLICATION AREA

For thin leveling the floor before the application of tiles, PVC tiles, parquets in hospitals, bedrooms, living rooms, and general areas in the house. Can be used internally and externally.

### RECOMMENDATION

Substrate humidity before the application of **weberfloor 1145** must be lower than 6%.

### SUBSTRATE PREPARATION

1. The substrate should be sound, dry, clean without dust, oil, and any contaminations.
2. Leave new concrete floor for at least 28 days.
3. Fix any unsound areas by using repair mortar.

### PRIMING

For efficient bonding, it is recommended to prime the area with **weberfloor 4716** before the application of **weberfloor 1145** by mixing **weberfloor 4716** with water at the ration 1:3. Use appropriate brush to push the primer into the substrate to cover all pinholes. Leave to dry for 60 minutes or touch dry.

### MIXING

1. Gradually pour a bag (25 kg) of **weberfloor 1145** into 5.25 L of prepared clean water.
2. Mix with slow speed electrical mixer (500 rpm) until obtaining homogeneous lump-free paste or gradually mix by hand.
3. Pour the mixer onto substrate immediately after mixing.
4. Prepare sufficient mixing buckets for the continuous application.

### APPLICATION

Constantly pour **weberfloor 1145** on the floor where being already applied with the primer. Roll spike roller on the surface to help the product flow and to level the surface and also to avoid bubbles. **weberfloor 1145** can be used to level the floor from the thickness of 4 to 10 mm. Leave the area 24 hours (at 10 mm thick) before covering with covering materials, leave for 48 hours before covering with PVC tile.

### SHELF LIFE AND STORAGE

Store in dry conditions in closed bag provides 1 year shelf life.

### TECHNICAL DATA

Properties	weberfloor 1145
Consumption	1.7 kg/m <sup>2</sup> /mm.
Recommended thickness	4 – 5 mm.
Service temperature	15 – 40 °C
Bond to concrete	0.9 N/mm <sup>2</sup>
Surface strength	0.7 N/mm <sup>2</sup>
Waiting time before	
Open to light traffic	6 – 7 hours
Cover with PVC tile	48 hours
Cover with other materials	12 – 24 hours

### CERTIFIED STANDARD

Test method	Standard	Result
Compressive strength EN 13892-2	20 N/mm <sup>2</sup>	27 N/mm <sup>2</sup>
Flexural strength EN 13892-2	4 N/mm <sup>2</sup>	7 N/mm <sup>2</sup>
Bond strength EN 13892-8	0.5 N/mm <sup>2</sup>	0.58 N/mm <sup>2</sup>
Shrinkage EN 13872	< 1.1 mm/m	0.90 mm/m



Flooring mortar used to adjust floor level and slope of the floor before covering with flooring materials



## weberfloor slope adjust



To adjust the floor before laying tiles, PVC tiles, and parquet



To adjust the floor before waterproofing application



Can be used as overlay in the areas with light-to-medium traffic



To adjust floor level and floor slope from 2–25 mm.

**weberfloor slope adjust** is a pre-mixed flooring mortar to adjust floor level and floor slope between 2–25 mm thickness before waterproofing application or before laying on top with floor covering materials such as tile, PVC tile, parquet, and can be left bare in the area exposed to light to medium traffic.

- **PACKAGING:** 25 kg bag
- **COLOR:** grey (natural cement)
- **COVERAGE:** For level adjusting : 1.7 kg/m<sup>2</sup>/mm  
For slope adjusting (approximately)  
3.5 kg/m<sup>2</sup> at 2 mm max slope thickness  
13 kg/m<sup>2</sup> at 15 mm max slope thickness  
24 kg/m<sup>2</sup> at 25 mm max slope thickness

- **RECOMMENDATION**  
Substrate humidity before the application of **weberfloor slope adjust** must be lower than 6%.

### ● SUBSTRATE PREPARATION

1. The substrate should be sound, dry, clean without dust, oil, and any contaminations.
2. Leave new concrete floor for at least 28 days.
3. Fix any unsound areas by using repair mortar.

### ● APPLICATION

1. Use appropriate metal trowel to spread out **weberfloor slope adjust** on the substrate.
2. Adjust the level to required slope and/or thickness.
3. **weberfloor slope adjust** can be used to adjust the floor level/slope from 2 to 25 mm.
4. Wait for 24 to 48 hours before the application of floor covering materials.

### ● MIXING

1. Gradually pour a bag (25 kg) of **weberfloor 1145** into 5.5 L of prepared clean water.
2. Mix with slow speed electrical mixer (500 rpm) until obtaining homogeneous lump-free paste or gradually mix by hand.
3. Leave the mixture for 1 minute for chemical curing.
4. The mixture can be used 30 minutes after mixing.

### ● SHELF LIFE AND STORAGE

Store in dry conditions in closed bag provides 9 months shelf life.

### ● PRIMING

For efficient bonding, it is recommended to prime the area with **weberfloor 4716** before the application of **weberfloor slope adjust** by mixing **weberfloor 4716** with water at the ration 1:3. Use appropriate brush to push the primer into the substrate to cover all pinholes. Leave to dry for 60 minutes or touch dry.

## TECHNICAL DATA

Properties	weberfloor slope adjust
Consumption for floor level adjusting	1.7 kg/m <sup>2</sup> /mm.
	3.5 kg/m <sup>2</sup> /2 mm max slope thickness
Consumption for slope adjusting (apprx)	13 kg/m <sup>2</sup> at 15 mm max slope thickness
	24 kg/m <sup>2</sup> at 25 mm max slope thickness
Recommended thickness	2 – 25 mm.
Service temperature	15 – 40 °C
Bond to concrete	0.58 N/mm <sup>2</sup>
Surface strength	0.7 N/mm <sup>2</sup>
Waiting time before	
Open to light traffic	7 – 8 hours
Covering with tile or other covering materials	24 hours at 15 mm. 48 hours at 25 mm.

## CERTIFIED STANDARD

Test method	Standard	Result
Compressive strength EN 13892-2	20 N/mm <sup>2</sup>	21 N/mm <sup>2</sup>
Flexural strength EN 13892-2	4 N/mm <sup>2</sup>	4.6 N/mm <sup>2</sup>
Bond strength EN 13892-8	0.5 N/mm <sup>2</sup>	0.58 N/mm <sup>2</sup>
Shrinkage EN 13872	< 1.1 mm/m	0.35 mm/m






**Cement-based dry shake to provide high abrasion and wear resistant surface to concrete floors**



## weberfloor dry hardener

-  To harden the floor providing good wear and abrasion resistance
-  Increase floor resistance to oily substances
-  Easy to use
-  High impact resistance
-  Cost effective

**weberfloor dry hardener** is a cement-based dry shake to provide high abrasion and wear resistant surface to concrete floors. It is suitable for all industrial areas and any areas where subject to heavy traffic.

- **PACKAGING:** 25 kg bag
- **COLOR:** grey (natural cement)
- **COVERAGE:** 5 kg/m<sup>2</sup>
- **CONCRETE PREPARATION**
  - The delivered concrete should be of consistent quality.
  - The surface of concrete should be leveled to ease the application.
  - The concrete mix should be designed to minimize segregation and bleeding.
  - Concrete slump between 75 and 110 mm is recommended.
  - Compressive strength of the concrete should be minimum 25 N/mm<sup>2</sup>.
  - Leave the concrete to be stiff for light foot traffic, leaving the footprint not deeper than 3-5 mm, before starting the application.
- **APPLICATION**
  1. If the area is too large, divide it into smaller bays.
  2. The application can be done after concrete stiff as stated above when all bleed water should evaporate. Remove the remaining water.
  3. Apply **weberfloor dry hardener** in 2 steps.
    - 3.1. Sprinkle **weberfloor dry hardener** evenly on the concrete surface at the consumption of 3 kg/m<sup>2</sup>. When the sprinkled product becomes dark uniformly from the moisture absorption of the concrete, the first application can now be floated by using wooden trowel or using power float in large areas. Do not over-work the surface.
    - 3.2. After suitable floating, sprinkle evenly the remaining 2 kg/m<sup>2</sup> of **weberfloor dry hardener** on the surface. After the moisture is absorbed, the surface can be floated as the same way as the first step.
  4. Final finishing by using blades or power float can be done when the floor has stiffened properly.

### ● SHELF LIFE AND STORAGE

Store in dry conditions in closed bag provides 1 year shelf life.

### ● LIMITATIONS

1. Application timing is very important. If too early, excess water will be absorbed and the surface strength could be lower than normal and dust can be caused. If too late, moisture can be insufficient to completely hydrate the product. Pitting and crazing of the surface are likely to happen.
2. Particular attention should be paid to bay edges and corners to absorb heavy impact or wear. Sprinkle **weberfloor dry hardener** immediately after the base concrete is levelled on a strip of 100–150 mm wide along the bay edges. Steel trowel into the surface.
3. It is recommended to cure the concrete floors with **weberfloor liquid hardener** or other suitable curing compound 3–5 hours after final finishing to prevent cracks. To ensure the physical properties, curing is recommended for minimum 7 days.

### TECHNICAL DATA

Properties	Standard	weberfloor dry hardener
Density	-	1.55 g/cm <sup>3</sup>
Application temperature	-	+10 to +35 °C
Surface hardness	Moh's hardness	7 – 8 at 28 days
Abrasion resistance by rotating cutter at 4 minutes (2 cycles)	ASTM C944	Average wearing mass = 0.037 g
Open to light traffic	-	12 hours
Open for full service	-	7 days



Surface hardener and curing compound for concrete



## weberfloor liquid hardener



Ready to use



Improve resistance to impact



Reduce dusting of concrete floor



Improve abrasion resistance



Reduce water absorption

**weberfloor liquid hardener** is a one part clear liquid, used to harden the surface, to reduce dusting of new or old concrete. The product can also be used as a curing agent to reduce loss of water of new concrete while setting.

- **PACKAGING:** 25 kg bag
- **COLOR:** clear liquid
- **COVERAGE:** 0.25 kg/m<sup>2</sup>/coat

### ● CONCRETE/SUBSTRATE PREPARATION

- New concrete the concrete should be left for at least 14 days to set and there should not be bleeding water on the surface.
- The surface to be coated with **weberfloor liquid hardener** should be dry for the good absorption of the product, clean, free from any dust, any trace of oil or grease, or any other contaminations.
- Repair the holes, cracks, uneven surfaces with repair mortar from **weber**.
- Leave the colored surface for 28 days and test **weberfloor liquid hardener** on a small area to evaluate the effect on the color

### ● APPLICATION

1. Use appropriate tool to coat **weberfloor liquid hardener** on the surface. Low pressure sprayer could be used for large areas.
2. Leave for 60–120 minutes for **weberfloor liquid hardener** to absorb in the surface. Clean the product that is not absorbed into the surface.
3. Polish the entire surface with a machine or other appropriate tool.
4. Remove the remaining of the product.
5. If 2<sup>nd</sup> coat is required (high absorption surface), leave 1<sup>st</sup> coated surface for 2 – 4 hours. Make sure the surface is dry before 2<sup>nd</sup> application of polishing.
6. Clean the tools immediately after use.

### ● SHELF LIFE AND STORAGE

Store in dry conditions and away from sunlight in closed packaging provides 1 year shelf life.

### ● NOTES ON APPLICATION

1. Excess product might cause weak and glossy film on the surface.
2. Do not use the sprayer together with silicone or release agents.
3. **weberfloor liquid hardener** improves abrasion resistance of the surface comparing to untreated concrete. But the property could be reduced by the application conditions.
4. **weberfloor liquid hardener** will not compensate for poor substrates, substrates with high porosity, damaged substrates, or the substrates with low cement content.
5. **weberfloor liquid hardener** should be used on at least 7-day aged concrete.

### TECHNICAL DATA

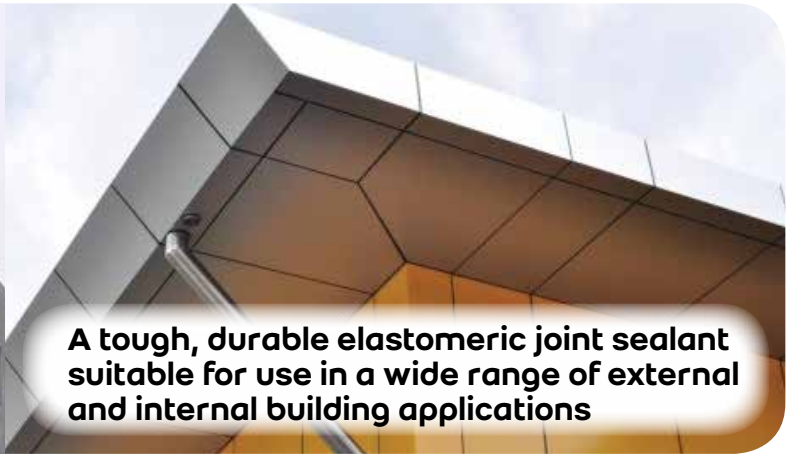
Properties	Standard	weberfloor liquid hardener
Solid content	-	34.6%
Density	-	1.26 g/cm <sup>3</sup>
Curing efficiency – water retention	ASTM C156	Loss of water: 0.43 kg/m <sup>2</sup>
		Loss of water compared to ASTM C309 (100% = 0.55 kg/m <sup>2</sup> ): 21.82%
		Loss of water compared to untreated concrete (100% = 3.72 kg/m <sup>2</sup> ): 88.44%

### % better than untreated concrete

Capillary water absorption	EN 1062-3	25.51%
Abrasion resistance	EN 12808-2	23%
Pull-off test	EN 1542	34.34%
Schmidt hammer	ASTM C805	33.33%



# Sealants, foams & fixing



**A tough, durable elastomeric joint sealant suitable for use in a wide range of external and internal building applications**



## weberseal MS



Very good adhesion to many substrates



Isocyanate and solvent free



Odourless and low VOC



Excellent weather and UV resistant



Excellent paintability



Mold resistant



Stain-free (No oil migration)



Fast curing

**weberseal MS** is a tough, durable elastomeric joint sealant suitable for use in a wide range of external and internal building applications

### • USED

- Concrete and masonry
- Door and window frames
- Aluminium, copper, brass and zinc
- Stainless, mild or galvanised steel
- Glass and ceramic tiles.
- Glass reinforced plastics
- Fibre or wood-chip cement boards
- Timber floor and skirting/plywood
- Kitchen and sanitary
- Mirrors and cabinets

• **PACKAGING:** Cartridge 280 ml. (20 cartridges/box)

• **COLOR:** White

### • COVERAGE:

Joint Width	10 mm.	12 mm.	15 mm.	20 mm.
Joint depth	5 mm.	6 mm.	7 mm.	10 mm.
Joint length / 280 ml	~5.5 m.	~4.0 m.	~2.5 m.	~1.5 m.

### • SURFACE PREPARATION

- Joint surfaces must be clean and free from frost and surface water. Remove all dirt, laitance, loose materials and foreign matter
- Remove all rust, scale and protective lacquers from metal surfaces
  - Non-porous surfaces should be degreased using a suitable cleaner
  - In all joints a barrier must be used to prevent sealant contact with the back of the joint, and hence allow optimum performance. In shallow joints self-adhesive polyethylene tape can be used. Deep joints should incorporate a backing rod to support the sealant while also acting as a bond breaker
  - Use masking tape seam beside the joint to protect from excessive silicone sealant

### • APPLICATION

- Cartridge: Cut the end off the threaded stub on cartridge, screw on the nozzle and cut the nozzle to the desired bead size at a 45° angle
- Extrude the sealant firmly into the joint to ensure complete contact with joint faces. Smooth to finish if necessary with a spatula
- Masking tape is then removed immediately within 10-15 minutes after application
- Any uncured material can be removed using a suitable solvent or an approved sealant remover

### • DESIGN CRITERIA

**weberseal MS** may be applied to joints between 10 and 35 mm. wide. To minimize stresses imposed on the joint sealant, all moving joints should be designed to an optimum width to depth ratio of 2:1. This ratio is subject to these overriding minimum sealant depths:

- 5 mm. minimum sealant depth at any point
- 5 mm. minimum bonding depth against metals, glass and other non-porous surfaces, providing that joint faces are in good condition
- 8 mm. minimum bonding depth against masonry or other porous surfaces, or any non-porous surfaces where joint faces are in poor condition
- Shear joints shall be a minimum joint width to depth ratio of 2:1 up to a maximum of 1:1

### • SHELF LIFE AND STORAGE

1 year from date of production if kept in undamaged and unopened original sealed containers. Stored in a protected area away from direct sunlight in dry conditions at temperature between +10°C and +25°C

### • CLEANING

Clean all tools and application equipment immediately with a suitable cleaner. Hardened/cured material should be removed mechanically

## TECHNICAL DATA

Test	weberseal MS
Material type	Modified silicone polymer
Specific gravity	1.4 kg. /litre
Viscosity	350,000-550,000 cps (10 rpm, at 28°C)
Tack free time	60±15 minutes
Curing rate	~ 3 mm/24h (+23°C / 50% RH)
Shrinkage	None
Movement capability	±25%
Slump	0 mm.
Tensile strength	> 1 N/mm <sup>2</sup> (+23°C / 50% RH)
Elongation at break	> 600%
Fungus and algae resistance	Pass
UV and weathering resistance	Pass
Tear strength	7.0 KN/m (+23°C/50%RH)
Shore A hardness	>15





## Sealants, foams & fixing



A one part, moisture curing elastic joint sealant. Used as a general purpose building construction sealant for sealing joints



### weberseal PU



Movements capability of 50%



High tear strength



Weather resistance, excellent aging resistance



Excellent adhesion to most substrates



Can be painted over



One component, excellent workability

**weberseal PUS** is a one part, moisture curing elastic joint sealant. Used as a general purpose building construction sealant for sealing joints

#### • USED

for various substrates in building construction joints

- Concrete and precast
- Brick
- Wood
- Metal, aluminium
- PVC sections
- Stone and ceramic tiles

• **PACKAGING:** 300 ml. / 600 ml.

• **COLOR:** 300 ml. cartridge : White  
600 ml. sausage : Grey

#### • SURFACE PREPARATION

- Use on homogeneous substrates
- A clean and dry surface. No standing water
- Surface to be free from oil, grease, dust and loose or friable particles. Use MEK, acetone or grease remover for cleaning
- If necessary rub down metal surfaces beforehand. After rubbing down, the surface should be re-cleaned. Allow the substrate to dry after degreasing
- The main concrete drying shrinkage has to be completed prior sealing
- Clean concrete with a metal brush and remove dust afterwards
- In case of deep joints, backing rod has to be installed. The purpose of the backing rod is to avoid three point adhesion and maintain proper joint width : depth ratio
- Use masking tape seam beside the joint to protect from excessive sealant

#### • APPLICATION

- Cartridge : Cut the end off threaded stub on cartridge, screw on nozzle and cut the nozzle to desired bead size at a 45° angle
- Sausage : Cut the wire clamped end of the sausage and fit with open end towards nozzle into a fully enclosed barrel gun
- Extrude the sealant firmly into the joint to ensure complete contact with joint faces. Smooth to finish if necessary with a spatula
- Masking tape is then removed immediately within 10-15 minutes after application
- Any uncured material can be removed using a suitable solvent or an approved sealant remover

#### • DESIGN CRITERIA

The joint width must be designed to be within the movement capability of the sealant. In general, the joint width must be between 10-35 mm. The width to depth ratio of ~2:1. For wall and floor joints, the width to depth ratio is ~1:1

#### Concrete joint distance

Joint distance (m.)	2	2-3.5	3.5-5	5-6.5	6.5-8
Design joint width (mm.)	15	20	25	30	35
Min. joint width (mm.)	10	15	20	25	30
Joint depth (mm.)	8	8	10	12	15

#### Consumption

Joint Width	10 mm.	15 mm.	20 mm.	25 mm.	30 mm.
Joint depth	8 mm.	8 mm.	10 mm.	12 mm.	15 mm.
Joint length / 600 ml	~7.5 m.	~4.5 m.	~2.5 m.	~1.6 m.	~1.3 m.



# Sealants, foams & fixing

## ● LIMITATIONS

- **weberseal PU** cannot be used as a glazing sealant
- Do not use **weberseal PU** on bituminous substrates, natural rubber, EPDM rubber or on building materials which might bleed oils, plasticizers or solvents which could attack the sealant
- Colour change may occur in time because of UV exposure, but this has no effect on the mechanical properties of the cured product
- The adhesion is low on PE, PP, PTFE
- Not resistant to organic solvents, organic acids, high concentrated alkalis/acids

## ● CLEANING

Clean all tools and application equipment immediately with a suitable cleaner. Hardened/cured material should be removed mechanically

## ● SHELF LIFE AND STORAGE

1 year from date of production if kept in undamaged and unopened original sealed containers. Stored in protected area away from direct sunlight in dry conditions at temperature between +10°C and +25°C

### TECHNICAL DATA

Test	weberseal PU
Specific gravity	1.16 ± 0.02 kg./litre
Skinning time	~ 70 minutes (+23°C / 50% RH)
Curing rate	~ 3 mm/24h (+23°C / 50% RH)
Sagging	None
Movement capability	± 50%
Application temperature	+5°C to +40°C
Temperature resistance	-40°C to +80°C
Tear strength	~ 10 KN/m (+23°C / 50% RH)
Shore a hardness	≥ 30 after 28 days (+23°C / 50% RH)
E-Modulus	~ 0.3 N/mm <sup>2</sup> at 100% elongation
Elongation at break	> 599% (+23°C / 50% RH)
Elastic recovery	> 70% (+23°C / 50% RH)
Fungus and algae resistance	Pass
UV and weathering resistance	Pass
Paintable	Yes : water based
Base	Polyurethane
Curing system	Moisture cured
Secant tensile strength	1.7 N/mm <sup>2</sup> (+23°C/50% RH)
Chemical resistance	Seawater, cement, diluted alkalis, and water based detergents

### APPLICATION STANDARD

Standard	Classification
EN 15651-1	F EXT-INT CC Sealants for facade elements for interior and exterior
EN 15651-4	PW EXT-INT CC Sealants for pedestrian walkways for interior and exterior use

### MATERIAL STANDARD

Material standard	Classification
ASTM C920	Class 25 TypeS, grade NS, uses TI, NT, A and M
ISO 11600	F25 HM

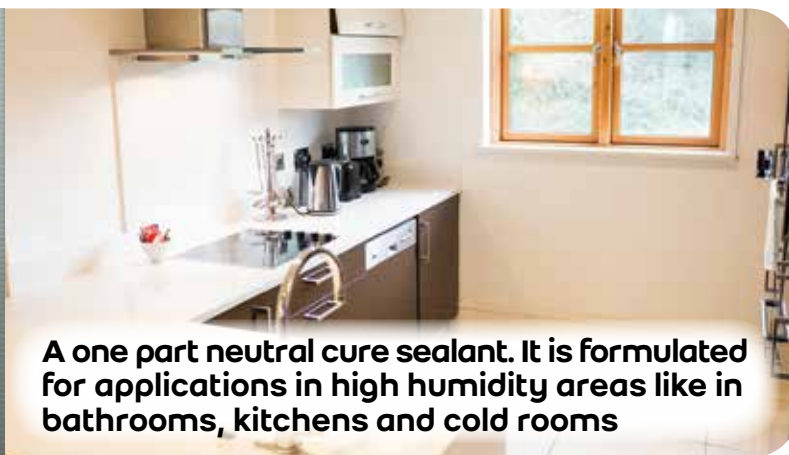


Low VOC refers to volatile organic compounds that are not harmful to the environment and humans. It mostly refers to paints and other products that have a very low or zero VOC, e.g. sealants, adhesives and cleaners. Low VOCs are good for both the environment and living organisms.

**weberseal PU** is certified A Class level. We care for the well-being of people whether they use our products or live in the buildings made using our products. We care about today. But also for the future. Taking responsibility to lead the change and build a tomorrow that is in harmony with its environment.



# Sealants, foams & fixing



**A one part neutral cure sealant. It is formulated for applications in high humidity areas like in bathrooms, kitchens and cold rooms**



## weberseal silicone SN



For bathroom & kitchen



UV light and weather resistant



Fungus and mildew resistant



Used in extreme temperature zones



High chemical resistance to cleaning detergents



Suitable for indoor and outdoor applications

**weberseal silicone SN** is a one part neutral cure sealant. It is formulated for applications in high humidity areas like in bathrooms, kitchens and cold rooms

### ● USED

- Sealing joints for baths, basins and showers in the bathroom
- Sealing joints for kitchen accessories
- Ceramic tiles and plumbing fixtures
- Glass and plastic joints

### ● PACKAGING: 280 ml.

### ● COLOR: White, Grey, Black, Clear

### ● SURFACE PREPARATION

- Use on homogeneous substrates
- A clean and dry surface. No standing water
- Surface to be free from oil, grease, dust and loose or friable particles
- Use masking tape seam beside the joint to protect from excessive silicone sealant

### ● APPLICATION

- Cut the end off the threaded stub on cartridge, screw on the nozzle and cut the nozzle to the desired bead size at a 45° angle
- Extrude the sealant firmly into the joint to ensure complete contact with joint faces. Smooth to finish if necessary with a spatula
- Masking tape is then removed immediately within 10-15 minutes after application
- Any uncured material can be removed using a suitable solvent or an approved sealant remover

### ● DESIGN CRITERIA

The joint width must be designed to be within the movement capability of the sealant. In general, the joint width must be between 6-12 mm. The width to depth ratio of ~2:1

### ● SHELF LIFE AND STORAGE

1 year from date of production if kept in undamaged and unopened original sealed containers. Stored in protected area away from direct sunlight in dry conditions at temperature between +10°C and +25°C

### ● CONSUMPTION

Joint Width	6 mm.	9 mm.	12 mm.
Joint depth	4 mm.	5 mm.	6 mm.
Joint length / 280 ml	~12.5 m.	~6.5 m.	~4.0 m.

### ● CLEANING

Clean all tools and application equipment immediately with a suitable cleaner. Hardened/cured material should be removed mechanically

### ● LIMITATIONS

- Do not use with reflective coated mirrors and direct food and drinking water contact application
- It can not be used as aquarium sealing and interior fire stop system applications
- Do not use for structural glazing. It may cause corrosion and discoloration on galvanized iron, zinc-coated steel, copper brass, limestone, cement, concrete, brick, marble and other porous materials, etc.

## TECHNICAL DATA

Test	weberseal silicone SN
Specific gravity	1.04 kg. /litre
Tack free time	5 minutes
Curing rate	~ 3 mm/24h (+23°C / 50% RH)
Sag flow	Non sag
Movement capability	±25%
Service temperature	-50°C to +150°C
Shore A hardness	20 after 28 days (+23°C / 50% RH)
Tensile strength	~ 1.4 N/mm <sup>2</sup> (+23°C / 50% RH)
Elongation at break	> 540% (+23°C / 50% RH)
Fungus and algae resistance	Pass
UV and weathering resistance	Pass





# Sealants, foams & fixing



**A multi-purpose one part neutral curing silicone sealant suitable for indoor and outdoor applications**



## weberseal silicone NC



Non-corrosive



Low odour



Very good UV light and weathering resistance



Primerless adhesion to a wide range of substrates



Excellent chemical and salt resistance

**weberseal silicone NC** is a multi-purpose one part neutral curing silicone sealant suitable for indoor and outdoor applications

### ● USED

- Glass
- Metals
- Painted surfaces
- Plastic except PP and PE resins
- Ceramic tiles
- Acrylic or polycarbonate sheet
- With a suitable primer in can be used on concrete, marble, slate and mortar

● **PACKAGING:** 280 ml.

● **COLOR:** White, Clear

### ● SURFACE PREPARATION

- A clean and dry surface. No standing water
- Surface to be free from oil, grease, dust and loose or friable particles
- Use on homogeneous substrates
- Cement laitance must be removed

### ● APPLICATION

- Cut the end off the threaded stub on cartridge, screw on the nozzle and cut the nozzle to the desired bead size at a 45° angle
- Extrude the sealant firmly into the joint to ensure complete contact with joint faces. Smooth to finish if necessary with a spatula
- Masking tape is then removed immediately within 10-15 minutes after application
- Any uncured material can be removed using a suitable solvent or an approved sealant remover

### ● DESIGN CRITERIA

The joint width must be designed to be within the movement capability of the sealant. In general, the joint width must be between 6-12 mm. The width to depth ratio of ~2:1

### ● CONSUMPTION

Joint Width	6 mm.	9 mm.	12 mm.
Joint depth	4 mm.	5 mm.	6 mm.
Joint length / 280 ml	~12.5 m.	~6.5 m.	~4.0 m.

### ● SHELF LIFE AND STORAGE

1 year from date of production if kept in undamaged and unopened original sealed containers. Stored in protected area away from direct sunlight in dry conditions at temperature between +10°C and +25°C

### ● LIMITATIONS

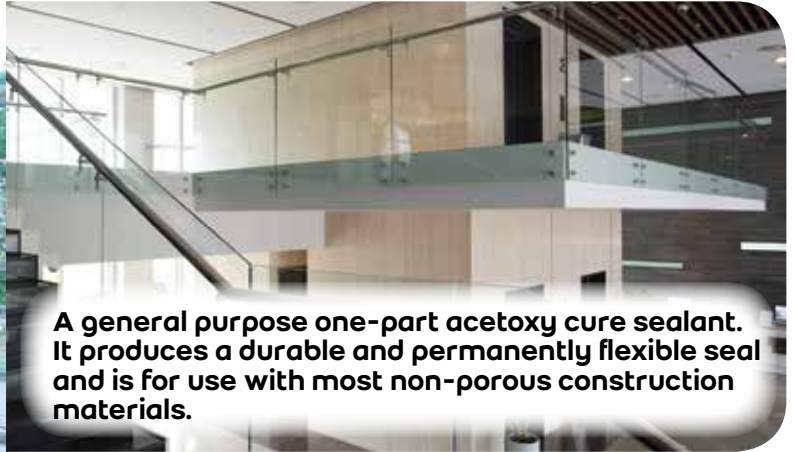
Do not use weberseal silicone NC on PE, PP, PTFE

### TECHNICAL DATA

Type	weberseal silicone NC
Specific gravity	1.03 kg./litre
Tack free time	15 minutes
Curing rate	~ 3 mm/24h (+23°C / 50% RH)
Slump	≤ 3 mm
Movement capability	±25%
Service temperature	-50°C to +150°C
Extrusion rate	20-80 g./10 sec
Shore A hardness	15-30 after 28 days (+23°C / 50% RH)
Tensile strength	≥ 1 N/mm <sup>2</sup> (+23°C / 50% RH)
Tensile shearing adhesive strength	≥ 0.5 N/mm <sup>2</sup>
Elongation at break	> 500% (+23°C / 50% RH)
UV and weathering resistance	Pass
Tear strength	>5KN/m



# Sealants, foams & fixing



A general purpose one-part acetoxy cure sealant. It produces a durable and permanently flexible seal and is for use with most non-porous construction materials.



## weberseal silicone AC



Fast curing



Excellent adhesion



Able to use in extreme temperature areas



Permanently flexible

**weberseal silicone AC** is a general purpose one-part acetoxy cure sealant. It produces a durable and permanently flexible seal and is for use with most non-porous construction materials.

### ● USED

- Glass and aluminum
- Doors and windows frames
- Painted surfaces
- Air ducts
- Containers and cold storage
- Acrylic or polycarbonate sheets
- Mirrors and cabinets
- Zinc or stainless steel

● **PACKAGING:** 280 ml.

● **COLOR:** White, Clear

### ● SURFACE PREPARATION

- Use on homogeneous substrates
- A clean and dry surface. No standing water
- Surface to be free from oil, grease, dust and loose or friable particles
- Use masking tape seam beside the joint to protect from excessive silicone sealant

### ● APPLICATION

- Cut the end off the threaded stub on cartridge, screw on the nozzle and cut the nozzle to the desired bead size at a 45° angle
- Extrude the sealant firmly into the joint to ensure complete contact with joint faces. Smooth to finish if necessary with a spatula
- Masking tape is then removed immediately within 10-15 minutes after application
- Any uncured material can be removed using a suitable solvent or an approved sealant remover

### ● CONSUMPTION

Joint Width	6 mm.	9 mm.	12 mm.
Joint depth	4 mm.	5 mm.	6 mm.
Joint length / 280 ml	~12.5 m.	~6.5 m.	~4.0 m.

### ● SHELF LIFE AND STORAGE

1 year from date of production if kept in undamaged and unopened original sealed containers. Stored in protected area away from direct sunlight in dry conditions at temperature between +10°C and +25°C

### ● LIMITATIONS

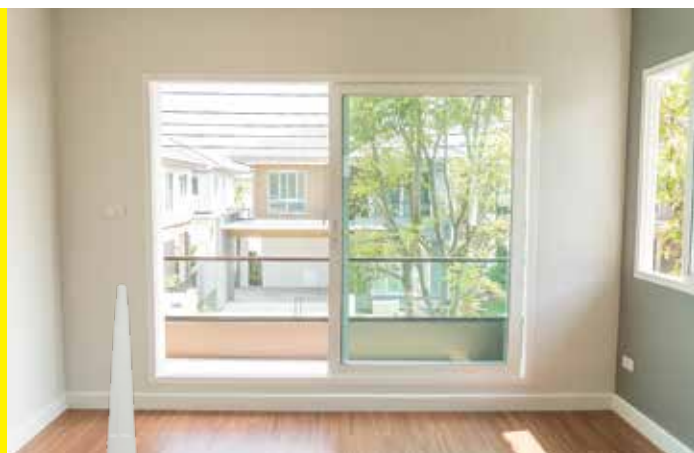
- Do not use **weberseal silicone AC** on limestone, marble, concrete or mortar
- It is not appropriate for movement joints or curtain wall joints applications
- The adhesion is low on PE, PP, PTFE, PBT

### TECHNICAL DATA

Type	weberseal silicone AC
Specific gravity	0.99 kg/litre
Tack free time	15 minutes
Movement capability	25%
Curing rate	~ 3 mm/24h (+23°C / 50% RH)
Sag flow	Non sag
Service temperature	-25°C to +100°C
Extrusion rate	20-80 g/10 sec
Shore A hardness	> 22 after 28 days (+23°C/50% RH)
Tensile strength	15-30 after 28 days (+23°C / 50% RH)
Elongation at break	2 N/mm <sup>2</sup> (+23°C/50% RH)
UV and weathering resistance	Pass



# Sealants, foams & fixing



**A one component water based acrylic joint sealant and gap filler. It is semi-flexible and mold resistant.**



## weberseal acrylic GF



Odourless, neutral curing



Non corrosive



Can be painted over using water based paints



Can be sanded back once fully cured



Easy to smoothen and finish



Water clean-up of uncured sealant

**weberseal acrylic GF** is a one component water based acrylic joint sealant and gap filler. It is semi-flexible and mold resistant.

### ● USED

Suitable for sealing on various substrates

- Concrete
- Cracks in plaster/render
- Plasterboard
- Plastic (UPVC) for windows and doors
- Wood, cement fibre board, cement wood-chip board
- Ceramic tiles
- Aluminum

● **PACKAGING:** 280 ml.

● **COLOR:** White

### ● SURFACE PREPARATION

- Use on homogeneous substrates
- Clean and dry surface with no standing water
- Free from oil, grease, dust and loose or friable particles
- For porous mineral substrates the surface should first be dampened
- Use masking tape seam beside the joint to protect from any excessive sealant

### ● DESIGN CRITERIA

The joint width must be designed to be within the movement capability of the sealant. In general, the joint width must be between 6-20 mm. The width to depth ratio of ~2:1

### ● CONSUMPTION

Joint width	6 mm.	9 mm.	12 mm.	20 mm.
Joint depth	4 mm.	5 mm.	6 mm.	10 mm.
Joint length / 280 ml	~12.0/m.	~6.0/m.	~4.0/m.	~1.5/m.

### ● APPLICATION

- Cut the end off the threaded stub on the cartridge, screw on the nozzle and cut the nozzle to the desired bead size at a 45° angle
- Extrude the sealant firmly into the joint to ensure complete contact with joint faces. Smooth to finish if necessary with a spatula
- Masking tape is then lobe removed within 10-15 minutes after finishing
- Any uncured material can be removed using clean water
- Leave for 48 to 72 hours before painting (fully cured)

### ● CLEANING

Clean all tools and application equipment immediately with clean water. Hardened/cured material should be removed mechanically

### ● SHELF LIFE AND STORAGE

1 year from date of production if kept in undamaged and unopened original sealed containers. Stored in protected area away from direct sunlight in dry conditions at temperature between 0°C and +30°C

### ● LIMITATIONS

- Do not apply **weberseal acrylic GF** on bitumen, PE, PP, PTFE, and silicone
- Protect uncured **weberseal acrylic GF** from rain or water approximately 3 hours after application
- Do not use **weberseal acrylic GF** in areas subject to constant water immersion

## TECHNICAL DATA

Type	weberseal acrylic GF
Material type	Acrylic polymer
Specific gravity	1.7 kg./litre
Skinning time	~ 10 minutes (+23°C / 50% RH)
Curing rate	~ 2 mm/24h (+23°C / 50% RH)
Sag flow	Non sag
Movement capability	± 10%
Temperature resistance	-20°C to +80°C
Extrusion rate	20-80 g./10 sec
Shore a hardness	40-60 after 28 days (+23°C / 50% RH)
E-Modulus	~ 0.5 N/ mm <sup>2</sup> at 100% elongation
Elongation at break	~ 80% (+23°C / 50% RH)
Elastic recovery	> 10% (+23°C / 50% RH)
Fungus and algae resistance	Pass
Shrinkage	Approximately 15%
Tensile strength	0.4 N/mm <sup>2</sup> (+23°C/50% RH)





# Sealants, foams & fixing



**A highly expansive 1-part polyurethane fixing foam**



## weberfoam PU



Multifunction adaptor allows straw or a handgun application



High rate of expansion



Effective sound dampening



Water resistant



Fire resistance to class B2



Suitable for application at low temperatures (+5°C)



CFC / HCFC-free



Very good foam stability



Can be applied in all positions (360°)



Fast curing



Can be cut, sanded, plastered and painted over after curing



Excellent heat insulation

**weberfoam PU** is a highly expansive 1-part polyurethane fixing foam

### • USED

- Joints around door and window frames
- Pipe entries around air-conditioning vents and roller blind housings

• **PACKAGING:** 500 ml.

• **COLOR:** Light yellow

### • SURFACE PREPARATION

- A clean and dry homogeneous surface is needed. Free from oil, grease, dust and loose or friable particles.
- Pre-dampen the substrate with clean water, this ensures that the foam cures optimally and also prevents secondary foam expansion later on

### • APPLICATION

- Shake the can thoroughly before use (~ 20 times)
- Screw the adaptor firmly down into place without pressing the valve
- Holding the can in an upside down position regulate the foam flow with pressure on the valve / adaptor before applying to the substrate
- Fill deep cavities in several layers. Take care to allow each layer to cure and expand sufficiently by spraying with water in between each layer or allowing sufficient waiting time between the layers
- Do not over fill the hollow sections with foam from the can as it will continue to expand by 1.5 to 2 times its volume during curing

### • CONSUMPTION

Yield: a 500 ml. can produces 25 litres (+/- 3 litres) of finished foam

### • SHELF LIFE AND STORAGE

- 1 year from date of production
- The cans must be stored in dry conditions, protected from direct sunlight and at room temperature in a vertical position
- A partially consumed can, must be used within 3 weeks

### • CLEANING

Remove fresh spots of foam immediately using a suitable cleaner. Cured foam can only be removed mechanically

### • LIMITATIONS

- Protect the can from direct sunlight and temperatures above +50°C (danger of explosion due to being pressurised)
- Do not use on PE, PP, Teflon, silicone, oil, grease and other separating agents
- The foam is not UV resistant
- For the correct curing of the foam sufficient moisture is necessary

### • SAFETY

- Contains diphenyl methane – 4,4 di isocyanate (MDI)
- Do not extrude towards open fire or hot surfaces, keep away from sources of ignition
- See safety data sheet for more details

## TECHNICAL DATA

Type	weberfoam PU
Base	Polyurethane
Curing system	Moisture cure
Density after expansion	20 ± 3 kg/m <sup>3</sup> (extruded)
Curing rate	From 2 to 3 hours for a bead of 3 cm. at 20°C / 65% RH
Temperature resistance	-40°C to +90°C
Shrinkage	None
Tack free time	10 minutes (+20°C/60% RH)
Expansion rate	120%-200%
Fire class	B2 (DIN 4102 part 2)
Foam yield	Max. 25 ± 3 liter/can



# Sealants, foams & fixing



**A one part high strength, copolymer dispersion adhesive for bonding building materials indoor and in sheltered outdoor areas.**



## webertec no nail



Excellent adhesion



Odorless



Good workability



Can be used on various substrates



Can be used on wall and ceiling

**webertec no nail** is a one part high strength, copolymer dispersion adhesive for bonding building materials indoor and in sheltered outdoor areas.

### ● USED

- wood
- insulation panels
- glass and mirror
- plaster or masonry
- concrete
- stone
- metal
- fiber-cement board or gypsum boards
- mosaic
- polystyrene foam
- aluminum
- galvanized iron
- steel

● **PACKAGING:** 280 ml.

● **COLOR:** Beige

### ● SURFACE PREPARATION

- Paint, laitance and other poorly adhering particles must be removed and preferably lightly sanded before application.
- Free from standing water, oils, grease, dust and loose or friable particles.
- Substrate surface temperatures should not exceed 30°C

### ● APPLICATION

- Pierce the protective membrane at the tapered nozzle. Trim the nozzle to the required size and screw on the threaded stub. Place the cartridge in a suitable applicator gun
- Apply webertec no nail to one of the panel surfaces.
- To one of the freshly prepared surfaces apply a 4 - 6 mm. bead of adhesive.
- For lighter panels, after apply the adhesive beads should attach panels together then press firmly, and pull both panels apart, wait 3-5 minutes, and press both panels together definitively.
- For heavy panels at 4-6 mm. thickness, after apply the adhesive beads should attach panels together then clamp or screw them to maintain perfect surface contact for 24 hours.
- After mounting the object, if you are not satisfied with the positioning, you have still 20-30 minutes to make adjustments. And once the position of the object is right, press firmly to ensure a proper bond.
- Wait 12-72 hours until the bond reaches its final strength before use depending on temperature & thickness.

### ● COVERAGE

280 g. of **webertec no nail**, when applied as a 4 mm. bead, will extent approximately 22 meters.

### ● SHELF LIFE AND STORAGE

12 months from date of production if kept in undamaged and unopened original sealed containers. Stored in protected area away from direct sunlight in dry conditions at temperature between +10°C and +30°C

### ● CLEANING

Any wet or partially wet adhesive can be removed with solvent/cured material can only be mechanically removed.

## TECHNICAL DATA

Type	webertec no nail
Material type	Synthetic rubber (SBR)
Specific gravity	1.16±0.05 g/cm <sup>3</sup>
Viscosity	Approx. 272,000 cps
Solid content	Approx. 77%
Lap Shear Strength	> 1 MPa
Sag Resistance	< 6 mm
Service Temperature	-30°C to +80°C
Working Time	5-10 minutes, initial contact
Open Time	20 to 30 minutes, reposition
Maximum Bond	12-72 hours depending on temperature & thickness

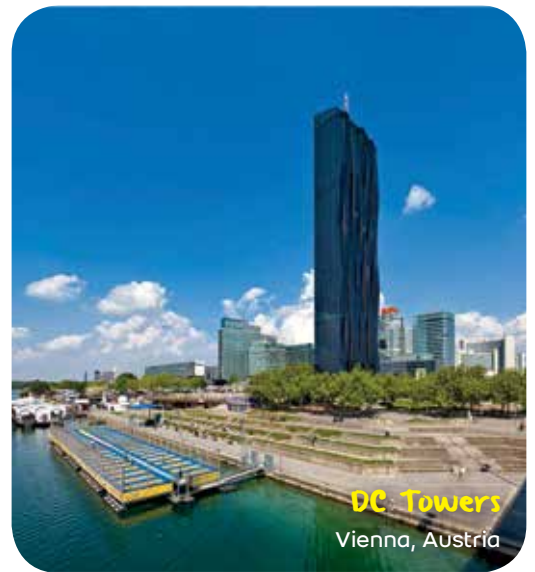




# Project Reference : Global



**Polyfunctional complex Polárka**  
Senec, Slovak Republic



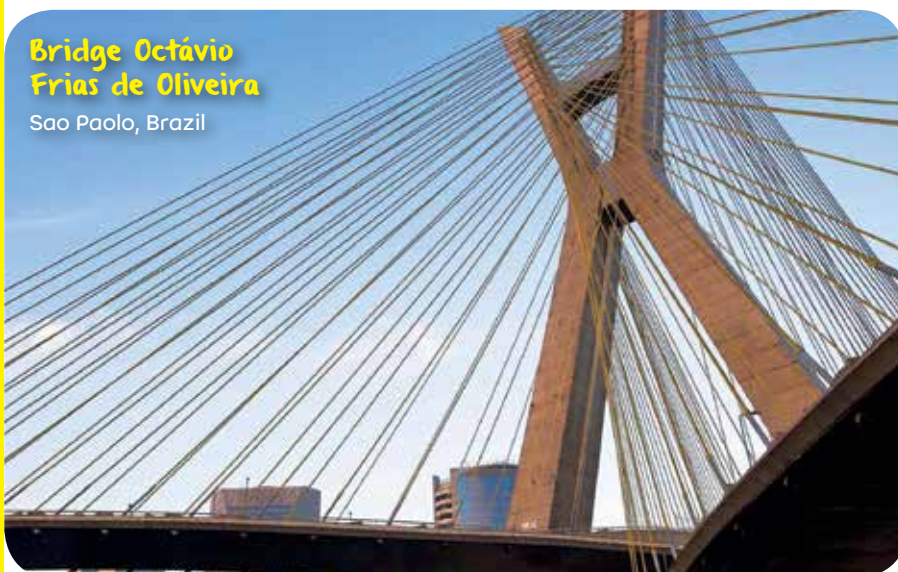
**DC Towers**  
Vienna, Austria



**Hotel St. Regis**  
Lhasa, Tibet, Republic of China



**Bukovac Palace**  
Zrenjanin, Serbia



**Bridge Octávio Frias de Oliveira**  
Sao Paulo, Brazil

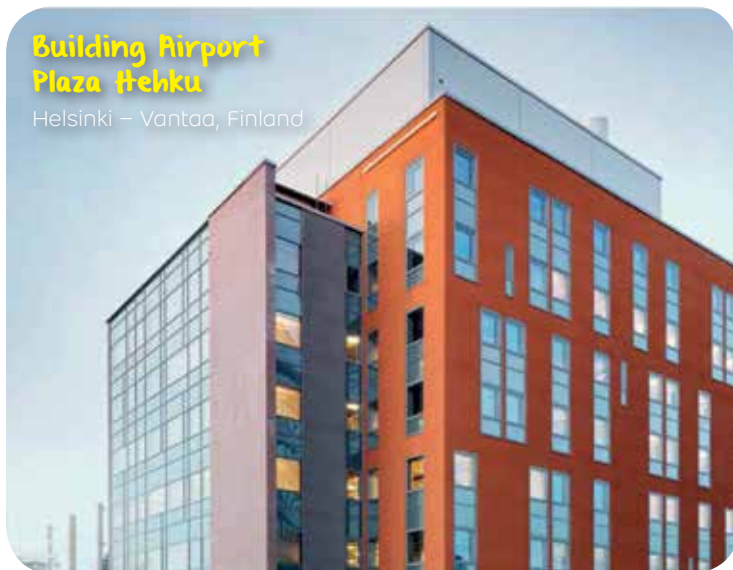


**Antakalnis terraces**  
Vilnius, Lithuania





# Project Reference : Global







## Project Reference : Thailand



**Mandalay Beach Villas Koh Samui**  
Suratthani

มันดาลาบีช วิลล่า เกาะสมุย จ.สุราษฎร์ธานี



**Chinese-Thai Institute  
of RSU (CTU)**  
Bangkok

สถาบัน จีน-ไทย มหาวิทยาลัยรังสิต จ.กรุงเทพฯ



**Crystal Palace Pattaya**  
Chonburi

คริสตัล พาเลซ พัทยา จ.ชลบุรี



**Usotel Waterland**  
Udon Thani

ยูโซเทล วอเตอร์แลนด์ จ.อุดรธานี



**Kata Palm Resort & Spa**  
Phuket

กะตะปาล์ม รีสอร์ท แอนด์ สปา จ.ภูเก็ต



**Samujana Villas Koh Samui**  
Suratthani

สมุจนา วิลล่า เกาะสมุย จ.สุราษฎร์ธานี





# Project Reference : Thailand



**Rawai Palm Beach Resort  
Phuket**

ราไว ปาล์ม บีช รีสอร์ท จ.ภูเก็ต



**Bangkok Hospital  
KhonKaen**

โรงพยาบาลกรุงเทพ จ.ขอนแก่น



**My Hip Condominium  
Chiang Mai**

มาย ฮิป คอนโดมิเนียม จ.เชียงใหม่



**The Pogo Design Hotel  
Phuket**

โรงแรม เดอะ พอกี้ ดีไซน์ จ.ภูเก็ต



**Karnkanok Property  
Chiang Mai**

กาญจน์กนก พร็อพเพอร์ตี้ จ.เชียงใหม่



**Celadon Villas Koh samui  
Suratthani**

ซีลาดอน วิลล่า เกาะสมุย จ.สุราษฎร์ธานี



# 3 Protections tile grout

*Ideal hygiene for bathrooms & kitchens*



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Email: [contact@weberthai.com](mailto:contact@weberthai.com) [www.th.weber](http://www.th.weber)

\* webercolor power and webercolor slim



website : **th.weber**



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