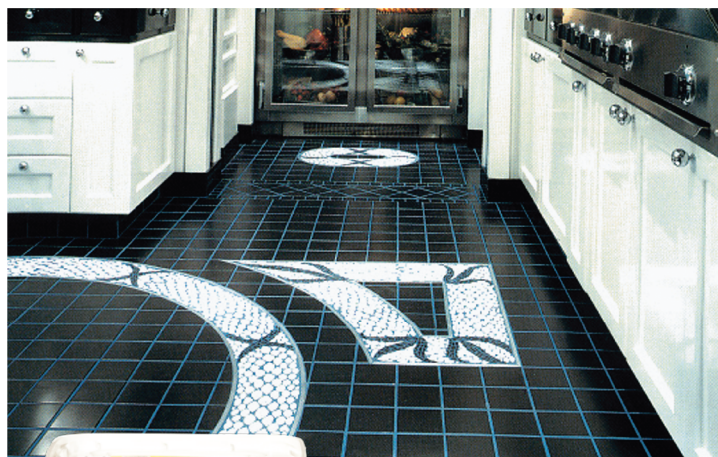




Tile Grouts



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



weberepox easy



For 2-12 mm joint width



2-in-1 being both adhesive and grout



Resist to water pressure



Anti-bacteria/
Anti black mold
and fungus



Resist to concentrate
chemical agents like
chlorine



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



Low VOCs

weberepox easy 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:** 12 colors

white	silver	steel	anthracite
black	dakar	beige	natural earth
camel	chocolate	sky	blue

● **COVERAGE:** average 8 m²/5 kg bucket for grouting
average 1.5 m²/5 kg bucket
incase of filing and grouting mosaic
in swimming pool

● 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 : (bag inside) lower part = 1 : 3.5 stir well
- Stand the mixture for 3 – 4 minutes for chemical curing
- The mixture of **weberepox easy** 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 m² 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)

● 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

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	Colored resin paste hardener
Mixing Ratio	A 3.5 Part : B 1 Part
Mixing Density	1.58 g/cm ³
Pot life (in shade)	30 minutes
Time before traffic	24 hours
Optimum time for chemical resistance	7 days



Certificate standard		
Epoxy Adhesive & Grout		
International standard / ISO 13007 European Standard / EN 12004	Standard	Result
Shear adhesion strength ISO13007 part 2-4.3.4 Or (EN 12003-7.2)	≥ 2 N/mm ²	8 N/mm ²
Shear adhesion strength after water immersion ISO13007 part 2-4.3.5 Or (EN 12003-7.3)	≥ 2 N/mm ²	6.5 N/mm ²
Shear adhesion strength after thermal shock ISO13007 part 2-4.3.8 Or (EN 12003-7.5)	≥ 2 N/mm ²	5.2 N/mm ²
open time : tensile adhesion strength ISO 13007 part 2-4.1 Or (EN 1346)	≥ 0.5 N/mm ²	3.5 N/mm ²
International standard / ISO 13007 European Standard / EN 13888	Standard	Result
Abrasion resistance ISO 13007 part 4-4.4 Or (EN 12808-2)	≤ 250 mm ³	215 mm ³
Flexural strength ISO 13007 part 4-4.1.3 Or (EN 12808-3)	≥ 30 N/mm ²	42 N/mm ²
Compressive strength ISO 13007 part 4-4.1.4 Or (EN 12808-3)	≥ 45 N/mm ²	49 N/mm ²
Shrinkage ISO 13007 part 4-4.3 Or (EN 12808-4)	≤ 1.5 mm./m	0.22 mm./m
Water absorption after 240 min ISO 13007 part 4-4.2 Or (EN 12808-5)	≤ 0.1 g	0.09 g

Chemical Resistance Chart

Substance	Chemical formula	Concent-ration	Splash Contact	>30 mins Contact	>24 hours Contact
Acetic Acid	CH ₃ COOH	2.50%			
		5%			
		10%			
		100%			
Benzoic Acid	C ₆ H ₅ COOH	5%			
Citric Acid	C ₆ H ₈ O ₇	10%			
Formic Acid	HCOOH	2.50%			
		10%			
Hypochlorous Acid	HClO	4%			
Lactic Acid	C ₃ H ₆ O ₃	5%			
Nitric Acid	HNO ₃	10%			
		25%			
		50%			
		100%			
Oleic Acid	C ₁₈ H ₃₄ O ₂				
Oxalic Acid	C ₂ H ₂ O ₄	10%			
Phosphoric Acid	H ₃ PO ₄	80%			
Sulfuric Acid	H ₂ SO ₄	20%			
		50%			
Tartaric Acid	C ₄ H ₆ O ₆	50%			
Phosphoric Acid	H ₃ PO ₄	80%			
Tannic Acid	C ₇₆ H ₅₂ O ₄₆	50%			
Ammonia Solution	NH ₃	25%			
Calcium Chloride	CaCl ₂	10%			
Hydrogen Peroxide	H ₂ O ₂	1%			
		10%			
Potassium Permanganate	KMnO ₄	1%			
		10%			
Sodium Bicarbonate	NaHCO ₃	20%			
Sodium Hydroxide	NaOH	50%			
Acetone	(CH ₃) ₂ CO	NA			

 = Resistance  = Limited Resistance  = Not Resistance

Certificate standard		
Epoxy Adhesive & Grout		
American standard / ANSI	standard	result
Water cleanability ANSI 118.3	80 min	100 min
Initial setting time ANSI 118.3	> 120 min	178 min
Service setting time ANSI 118.3	< 7 day	6 day
Shrinkage ANSI 118.3	< 0.25%	< 0.07%
Sag in vertical joints ANSI 118.3	-	no slip
tensile strength ANSI 118.3	6.9 MPa	9.2 MPa
Shear strength after thermal shock ANSI 118.3	> 3.5 MPa	5.5 MPa
Food regulation test 21 CFR175-300 or (US-FDA)	-	pass

Substance	Chemical formula	Splash Contact	>30 mins Contact	>24 hours Contact
Lorem ipsum	C ₆ H ₁₂ O ₂			
Carbon Tetra Chloride	CCl ₄			
Chloroform	CHCl ₃			
Dichlorome thane	CH ₂ Cl ₂			
Ethanol	C ₂ H ₅ OH			
Ethylene Glycol	C ₂ H ₆ O ₂			
Glycerol	C ₃ H ₈ O ₃			
Methyl Ethyl Ketone	C ₄ H ₈ O			
Toluene	C ₇ H ₈			
Xylene	C ₈ H ₁₀			
Beer	NA			
Bleach	NA			
Butter	NA			
Citrus Juice	NA			
Coffee	NA			
Coke	NA			
Glucose	NA			
Hair Dye	NA			
Milk	NA			
Sauce	NA			
Sugar	NA			
Tea	NA			
Toilet Cleaner (acidic)	NA			
Toilet Cleaner (basic)	NA			
Toilet Cleaner (neutral)	NA			
Tomato Ketchup	NA			
Turmeric	NA			
Vegetable Oil	NA			
Vinegar	NA			
Wine	NA			