



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



Easy to apply and clean



Chemical resistant



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 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)

- 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 ³
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 ²
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