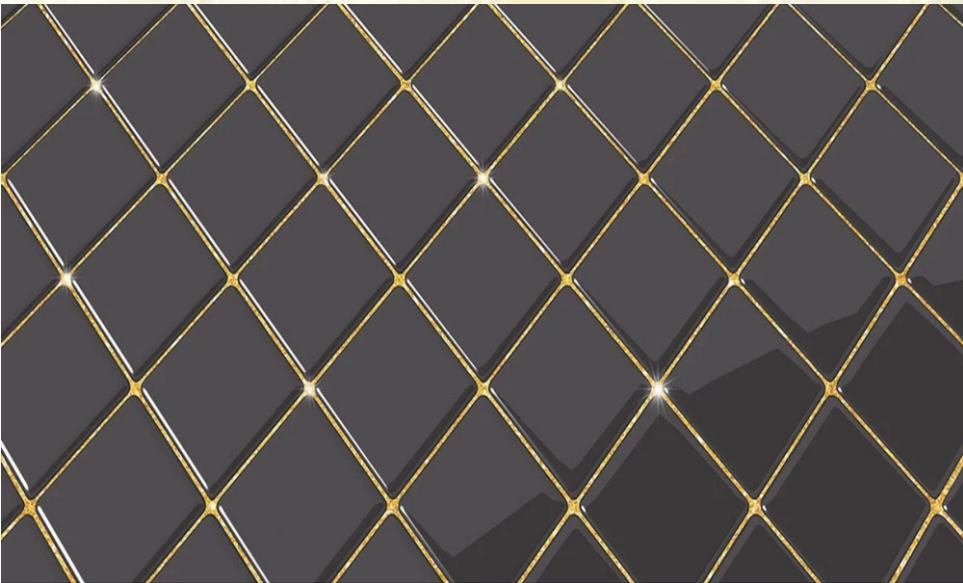




Complete Tile Fixing Solution



EPOXY GROUT 2 PART

A JOINT FILLER FOR WALL & FLOOR

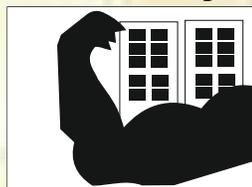


COMPLIANCE
USFDA - 175.300
ANSI A 118.3 - 1999
EN/ISO 13888

Latest Technology
Value For Money



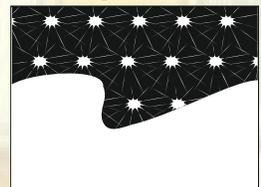
Durability



Reliability



Resists Algae &
Fungus Growth



HOME PRIDE EPOXY GROUT – TWO PART

It is specially formulated to give high strength, stain free, chemical resistance joint filler for wall & floor tile/stones. It consist of three part Resin, Hardener & Filler . it is recommended for industrial & commercial application, food processing unit, commercial kitchens ,packing plants.



SUITABLE TILE TYPE

- ✓ Ceramic tile
- ✓ Vitrified tile
- ✓ Glass mosaic tiles
- ✓ Brick , porcelain tiles
- ✓ Marble and natural stone tile
- ✓ Mettle tiles



APPLICATION

(Designed especially for interior and covered exterior floor and wall joints of all type tiles)

- | | |
|---|--|
| <ul style="list-style-type: none"> ✓ Industrial food processing plant. ✓ Beverage plant. ✓ Battery plant. ✓ Environment requiring high temperature & chemical resistance . ✓ Cafeterias, residential facilities, rest room , schools and wet areas like swimming pools, sauna , water body and wash room . | <ul style="list-style-type: none"> ✓ Ceramic tile and vitrified tile ✓ Glass mosaic tiles ✓ Mettle tiles ✓ Precast terrazzo ✓ Engineered stone floors and wall ✓ Natural stone |
|---|--|

ADVANTAGE

- ✓ Heavy Duty Industrial Grout
- ✓ Superior Chemical & Heat Resistance .
- ✓ Water Cleanable & Fast curing
- ✓ Highly Resistant to Bacteria Attack
- ✓ Colour Fast
- ✓ Easy to Clean
- ✓ Water & Shock Resistant .

CERTIFICATION

Meet ANSI: A 118.3 , ISO 13007/EN

TECHNICAL DATA

Performance Property : Home Pride Epoxy Grout Joint Filler is two conveniently packed component Resin (Part A), Hardener (Part B) Mixing Ratio 9:1 .

Application Standards : Meet ANSI A 118:3, EN 12004 & ISO 13007.

ANSI Data				
TEST METHOD			REQUIREMENT	TYPICAL VALUES
Water Cleanability	ANSI A118.3:	Clause 5.1	>80 Minutes	85 – 111 Minutes
Initial Setting Time	ANSI A118.3:	Clause 5.2	>120 Minutes	211 – 260 Minutes
Service Setting Time	ANSI A118.3:	Clause 5.3	< 7 Days	50 hr – 72 hr
Shrinkage after 7 days :	ANSI A118.3	Clouse 5.3	<0.25%	< 0.9%
Sag in Vertical Joints	ANSI A 118.3	Clouse 5.4	No change in shape of joints	Pass No changes in shape of joints
Bond Strength to Quarry Tiles	ANSI A 118.3	Clouse 5.5	>1000 psi (6.87 Mpa)	1120 psi (7.72 Mpa)
Compressive Strength after 7 day	ANSI A 118.3	Clouse 5.6	>3500psi (24.06Mps)	7310-7600 Psi (50.40 - 52.40 Mpa)
Tensile Strength after 7 days:	ANSI A118.3	Clouse 5.7	> 1000 psi(6.87 Mpa)	2320-2600 psi (15.99 -17.92 Mpa)
Thermal Stock	ANSI A118.3	Clouse 5.8	>500psi (3.43 Mpa)	750-1030 psi (5.17 -7.10 Mpa)

The grout mortar confirms to ANSI A 118.3

TECHNICAL DATA

ISO / EN Data

TEST METHOD	REQUIREMENT	TYPICAL VALUES
Abrasion resistance : ISO 13007-4:Clouse 4.4, EN 12808-2	≤250	Pass
Flexural strength under standard condition : ISO 13007-4 :Clouse 4.1.3;EN 12808-3	≥30 N/mm ²	35-37 N/mm ²
Compressive strength under standard conditions :ISO 13007-4: Clouse 4.1.4;EN 12808-4	≥45 N/mm ²	47 - 50 N/mm ²
Shrinkage : ISO 13007-4: Clouse 4.3 :EN 12808 -4	<1.5 mm/m	0.5 - 0.8 mm/m
Water Absorption after 240 Minutes ISO 13007-4 Clouse 4.2 ;EN 12808 -5	≤0.1 G	0.024 - 0.038 G
Chemical Resistance	See Chemical Resi. Chart	

The Grout mortar conforms to ISO-13007-4/EN 12808.

CHEMICAL RESISTANCE CHART : 23 °C

1-BASE & SALT SOLUTIONS

Chemical	Concentration	PE	IE	SE
Sodium Hydroxide	50 %	VG	VG	VG
Ammonia Solution	25 %	VG	VG	VG
Backing Soda	20 %	VG	VG	VG
Hydro chloride Solution	4 %	P	G	VG
Potassium Permanganate	1 %	VG	VG	VG
	10 %	P	P	VG
Calcium Chloride	10 %	VG	VG	VG
Hydrogen Peroxide	1 %	VG	VG	VG
	10 %	VG	VG	VG

2-ACID CHEMICALS

Acetic Acid CH ₃ COOH	2.5 %	VG	VG	VG
	5 %	G	VG	VG
Hydrogen chloride HCl	10 %	VG	VG	VG
Sulfuric Acid H ₂ SO ₄	20 %	VG	VG	VG
	50 %	P	G	G
Formic Acid HCOOH	2.5 %	VG	VG	VG
	10 %	P	P	P
Nitric Acid	10 %	P	G	VG
Citric Acid	10 %	VG	VG	VG
Tartaric Acid	50 %	VG	VG	VG
Tonic Acid	50 %	VG	VG	VG
Benzoic Acid	5 %	VG	VG	VG
Oxalic Acid	10 %	VG	VG	VG

Note – PE : Prolong Exposure ; IE : Intermittent Exposure; SE : Splash Exposure .
P: Poor ; G: Good ; VG: Very Good

3-SOLVENT & CUMBUSTIBALE CHEMICALS				
Chloroform CHCl ₃	NA	P	P	P
Carbon Tetra Chloride CCl ₄	NA	P	P	G
Methylen Chloride CH ₂ Cl ₂	NA	P	P	P
Toluene C ₆ H ₅ CH ₃	NA	P	P	G
Xylene C ₆ H ₅ NH ₂	NA	P	P	G
Butyl Acetate	NA	P	P	VG
Ethanol	NA	P	G	VG
Acetone	NA	P	G	G
Ethylene Glycol	NA	VG	VG	VG
MEK	NA	P	P	VG
Glycerol	NA	VG	VG	VG
4-HOUSE HOLD & FOOD STUFF CHEMICALS				
Coffee	NA	VG	VG	VG
Milk	NA	VG	VG	VG
Vineger	NA	VG	VG	VG
Citrus Juice /Sauce	NA	P	G	VG
Butter	NA	VG	VG	VG
Beer	NA	VG	VG	VG
Sugar / Glucose	NA	VG	VG	VG
Vegetable Oil	NA	VG	VG	VG
Coke	NA	VG	VG	VG

Note – PE : Prolong Exposure ; IE : Intermittent Exposure; SE : Splash Exposure .

P: Poor ; G: Good ; VG: Very Good

Note – Long Exposure will cause colour change .

Mix Density	1610 Kg/m ³	
Packing By Weight	5 kg	
Packaging	Part A (Resin & Colored Filler)	Part B (Hardener)

Working Property at 71^oc (21^oC)

Pot life	50 minutes
Foot Traffic	24 hr
Heavy Traffic	72 hr

Coverage :

Please refer the coverage chart as it depends on the tile of size , joint width & Depth.

INSTALLATION

Important site Checks :

It is recommended to check the colour of the grout, if it is meeting the desired colour of the client .

It is recommended to do a small area with actual tile/stone at site and check for any colour ingress in to the tile /stone. Many tiles/stone have high absorbance which may lead to discoloration /colour marks.

Plan to provide proper movement joints, peripheral joints as per EJ 171 to Accommodate movement in tile /stone and use flexible grout/sealant to fill these movement joint.

HP Epoxy Grout is a solid epoxy grout and does not accommodate movement in tile/stone that can occur due to various reasons .Movement which occur in tile /stone area due to non provision of movement joint will lead to crack/ breakage of grout joints /tile/stone .

Keep working area covered and protected from sun light while application of HP epoxy Grout , is applied to in open areas like swimming pools etc. keep the cover for 7 days and till the filling of pool with water after completion of grouting with HP Epoxy Grout.

Surface Preparation:-

Before starting the work remove debris in grout joints and lightly sponge the tile surface to remove dust and dirt. Do not clean tiles with acid cleaner. in case of acid cleaner used to clean the tile, ensure to wash the area with plenty water before commencing grouting .

Substrate temperature should between 60°F (16°C) and 90°F (32°C).

Mixing –

Empty entire container of HP Epoxy Grout Part A and Part B container into the clean mixing pail . mix with a margin trowel or a slow speed drill mixer until liquid & past are completely blended .

Immediately pour entire content of bucket onto working area . use a plastic sheet as a drop cloth. Use standard Epoxy Grouting Techniques to work with HP Epoxy Grout into tile joints . HP Epoxy Grout can also be applied with a caulking Gun. Be sure all grout joints area packed full .

Remove excess material as possible before initial cleaning. do not leave excess grout on the face of tile .

Mixing Ratio

Components	Two Parts	Mixing Ratio
Resin	Part A	9
Hardener	Part B	1

Remove excess grout from the face of tile with edge of grout float . Hold the float at a 90⁰ angle and pull it diagonally across the joints and tile to avoid pulling out the material .

Initial Cleaning – (After 30-45 min of the application)

Scrub the surface of the tile & joint with clean water and scrubber provided to remove any excess grout . then take a clean thick white towel & drag across the tile to remove any residue .

Final Cleaning –

Within 24 hr do a second cleaning with normal soap detergent to remove any haze from the tile .

Shelf life:-

Factory sealed container of this product are guaranteed to be of first quality for two year(2) if stored at temperature > 32⁰F (0⁰C) & <110⁰F(43⁰C) .

Precaution :- If contact with eye wash immediately and consult with your doctors.

Limitation :-

Light colore may darken slightly from direct UV exposure .
Consult with technical services for specific exterior grouting recommendation .
For industrial application exceed to high Heat , use HP Industrial Grout .
Not recommended for soft, polished marble or delicate glazed tiles.

MAINTENANCES: -

Home Pride Epoxy Grout require routine cleaning with neutral Ph soap and water . HP Epoxy Grout require no maintenances but proper installation as per instruction. performance and durability may depend on properly maintaining of installed area .

WARRANTY :-

HP EPOXY GROUT free from manufacturing defects & will not break down, deteriorate or disintegrate under normal usage for a period of (2) years from MFD Subject to the term and condition stated in HOME PRIDE Product Warranty .

CUSTOMER CARE

Home Pride Adhesive .Pvt.Ltd.

E.429,Phase-1 , RIICO Industrial area , Bhiwadi (Alwar, Raj.)
Branch Office M/s Home Pride Adhesive .Pvt.Ltd
Pole no. 1896 – 1897 , New Mandoli Industrial Area Delhi – 110093
Website : www.homepride.in
E-Mail . : homeprideadhesive@gmail.com
Mob. No -9810470965 , 9887723198,9917245684 .
Toll free : 1800 111 818