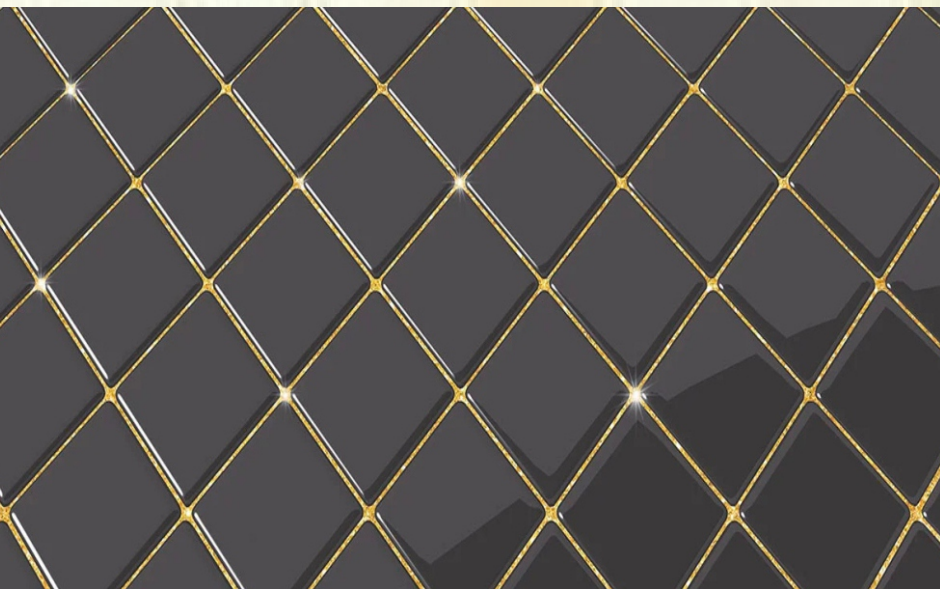




Complete Tile Fixing Solution



EPOXY GROUT 3 PART
A JOINT FILLER FOR
WALL & FLOOR

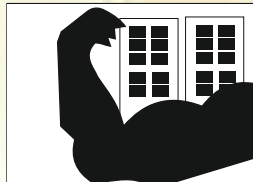


COMPLIANCE
USFDA - 175.300
ANSI A 118.3 - 1999
EN/ISO 13888

**Latest Technology
Value For Money**



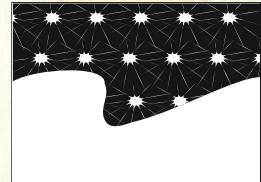
Durability



Reliability



**Resists Algae &
Fungus Growth**



HOME PRIDE EPOXY GROUT (THREE COMPONENTS)



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.

APPLICATION

- ❖ 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.

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

- ❖ Ceramic tile and vitrified tile
- ❖ Glass mosaic tiles
- ❖ Mettle tiles
- ❖ Precast terrazzo
- ❖ Engineered stone floors and wall
- ❖ Natural stone

SUITABLE TILE TYPE

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

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 three conveniently packed component Hardener (Part A), Resin (Part B), Filler Powder (Part C) Mixing Ratio 1:2:7.

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 – 115 Minutes
Initial Setting Time	ANSI A118.3:	Clause 5.2	>120 Minutes	210 – 265 Minutes
Service Setting Time	ANSI A118.3:	Clause 5.3	< 7 Days	50 hr – 72 hr
Shrinkage after 7 days :	ANSI A118.3	Clause 5.3	<0.25%	< 0.9%
Sag in Vertical Joints	ANSI A 118.3	Clause 5.4	No change in shape of joints	Pass No changes in shape of joints
Bond Strength to Quarry Tiles	ANSI A 118.3	Clause 5.5	>1000 psi (6.87 Mpa)	1150 psi (7.92 Mpa)
Compressive Strength after 7 day	ANSI A 118.3	Clause 5.6	>3500psi (24.06Mps)	7400-8000 Psi (51.02 - 55.15 Mpa)
Tensile Strength after 7 days:	ANSI A118.3	Clause 5.7	> 1000 psi(6.87 Mpa)	2400-2650 psi (16.54 -18.27 Mpa)
Thermal Stock	ANSI A118.3	Clause 5.8	>500psi (3.43 Mpa)	950-1050 psi (6.55 -7.23 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	$\geq 30 \text{ N/mm}^2$	36-38 N/mm ²
Compressive strength under standard conditions :ISO 13007-4: Clouse 4.1.4;EN 12808-4	$\geq 45 \text{ N/mm}^2$	50 - 52 N/mm ²
Shrinkage : ISO 13007-4: Clouse 4.3 :EN 12808 -4	$< 1.5 \text{ mm/m}$	0.5 - 0.7 mm/m
Water Absorption after 240 Minutes ISO 13007-4 Clouse 4.2 ;EN 12808 -5	$\leq 0.1 \text{ G}$	0.014 - 0.035 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_3COOH	2.5 %	VG	VG	VG
	5 %	G	VG	VG
Hydrogen chloride HCl	10 %	VG	VG	VG
Sulfuric Acid H_2SO_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_2Cl_2	NA	P	P	P
Toluene $\text{C}_6\text{H}_5\text{CH}_3$	NA	P	P	G
Xylene $\text{C}_6\text{H}_5\text{NH}_2$	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 of HP Epoxy Grout	1599 Kg/m³			
Colour	Multi colour available in Part C (Filler)			
Packaging	Dual Pack	Part A (Resin & Colored Filler)	Part B (Hardener)	
	Three Pack	Part A (Hardener)	Part B (Resin)	Part C (Colored Filler)
Packing By Weight	1 kg	5 kg	10 kg	

Working Property at 71°C (21°C)

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 liquids are completely blended. Add Part C Filler Powder and mix to uniformly consistency .add the remaining Filler Powder and mix to achieve a stiff mix.

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
Hardener	Part A	1
Resin	Part B	2
Colored Filler	Part C	7

Cleaning:-

Remove excess grout from the face of tile with edge of grout float. Hold the float at a 90° 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 > 32 °F (0°C) & <110°F(43°C) .

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 requires routine cleaning with neutral Ph soap and water. HP Epoxy Grout requires 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



Cooperate Office

Home Pride Adhesive .Pvt. Ltd.
F.429,Phase-1 , RIICO Industrial area,
Bhiwadi (Alwar, Raj.)



www.homepride.in



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Home Is Everybody Pride So, Make Sure You Use Home Pride

