



Complete Tile Fixing Solution



CRACKFILL

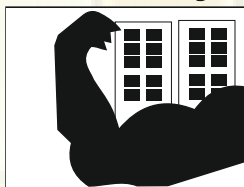
A EPOXY BASED PRODUCT, USED TO REPAIR CRACKS IN MARBLE & GRANITE.



Latest Technology
Value For Money



Durability



Reliability



Resists Algae &
Fungus Growth



Home Pride Crack fill

Product Description

Home Pride Crack fill has optimum viscosity for deeper penetration. It is a solvent free system. Two component adhesive based on an epoxy resin mixed with polyamine hardener.

The product has following properties

- ✓ Easy colouring with colouring paste
- ✓ Very low tendency to yellow
- ✓ Low shrinkage during the hardening process therefore low tension in the bounding layer
- ✓ Creeping strength is very high due to gel like property & low tendency to fatigue
- ✓ Good dimensional stability of the bounding layer ,Good adhesion on slightly humid stones



Application areas

- ✓ Fill micro cracks, fissures and pinholes in light coloured marble such as Volakas, onyx, statuario, Michael angelo etc.
- ✓ Use as a fixing on the backside of natural stone to protect it while transporting .
- ✓ Stone-working industry for the weather – Crack filling and gluing of natural stone like marvel & granite, Techno ceramics as well as artificial stone.
- ✓ Use it as a protective coating for the stone surface(Marble , granite & Artificial stone)

Application Process

- ✓ Clean and slightly roughen surface to be bonded.
- ✓ Mix component A & Component B by Volume or Weight in ratio 2:1 until homogeneous shade of colour is achieved .Colouring past can be added up to 5% maximum .
- ✓ Take the mixed product on the surface and spread evenly with the putty blade. Thickness up to 140 to 210 micron. Use second coat after 24 hr if required.
- ✓ Pot life of mixture is approx 20-30 minutes at 20 °C, use mixture within 20 minutes.
- ✓ Maximum stability after 7 days at 20 °C
- ✓ Hardening of bonding layer can be accelerated by heat and delayed by cold.

Application Conditions	
Moisture content of substrate (stone)	Not more than 5%
Ambient temperature	10°C – 40°C
Relative air humidity	Not more than 80 %
Temperature of substrate	At least 10 °C above dew point and not above 50 °C

Precaution

- ✓ Right mixing ratio of Component A and Component B obtain optimal mechanical and chemical properties .Alteration in mixing ratio can cause of mechanical and chemical properties and discoloration in the marginal zone. Use only in well ventilated areas.
- ✓ Mix adhesive is no longer to be used if it has already thickened
- ✓ Used two separate spatulas for component A & Component B.
- ✓ Home pride Crack fill is not to be used at temperatures below 10 °C because it will not sufficiently harden and above 50°C the hardened adhesive tends to yellowing.
- ✓ The component A slightly tends to crystallize (honey effect). Product can be workable again by warming it up.
- ✓ Hardened adhesive cannot removed by apply of solvent . this can only be achieved by mechanically or by applying higher temperature (> 200°C)
- ✓ Stability of bonding strength is depend the nature of stone like The tendency of bonding strength of silicate bound stone is more than carbonate bound stone .

Technical Specification

Physical State	Component A	Liquid
	Component B	Liquid
Colour	Component A	Transparent
	Component B	Transparent
Density	Component A	1.18 g/cm ²
	Component B	1.14 g/cm ²
Mixing ratio	A : B	2 : 1
Working time of mixture	10°C	30 - 40 Min
	20°C	20 - 30 min
	30°C	10 – 15 min
	40°C	5 – 10 min
Mechanical property	Tensile Adhesive strength	16 - 18 N/mm ²
	Sear adhesive strength	40 -56 N/mm ²
Chemical resistance	Water absorption	<0.3 %
	Salt water	Stable
	Sodium chloride solution 10%	Stable
	Soda lye 10%	Stable
	HCL 10%	Stable
	Acetic acid10%	Conditionally Stable
	Formic acid 10%	Conditionally Stable
	Petrol	Stable
	Diesel	Stable
	Lubricating oil	Stable
Coverage	1 kg	8-11 sq.mt (The Coverage & Consumption are depends on surface porosity, surface profile, variation in level or wastage etc.)

Storage Information

Store in cool & Dry (5-24 °C) in its original closed container shelf life up to 24 month (2 Year).

Packaging

1 kg and 5 kg

Health Precautions

1. This product contains Resin
2. This product can be irritating to eyes and skin
3. Avoid eye contact and prolong contact with skin
4. Wash thoroughly after handling
5. Wear a P2 type respiratory mask
6. Gloves ,Goggles and Dust mask should be worn
7. If eye contact occurs flush with water for 15 minutes and consult with physician
8. **Product only for professional use.**
9. **Reach out of keep of children.**



For farther and complete information about the safe handling of our product please refer to the latest version of our material safety data sheet.

Customer Care



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

Remark: the directives contained in this documentation are the result of our experiments and have submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible application which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.

