

HOME PRIDE

Complete Tile Fixing Solution



EPOXY SEALER

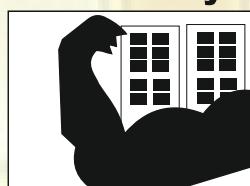
A LIQUID APPLIED ON MARBLE & STONES TO CLOSES ITS PORES AND PREVENT ANY SUBSTANCE LIKE TEA, COFFEE TO PENETRATE INTO THE SURFACE PREVENTS STAINS.



Latest Technology
Value For Money



Durability



Reliability



Resists Algae &
Fungus Growth



Home Pride Epoxy Sealer 99

Properties: Home Pride Epoxy Sealer 99 two component product Part A & Part B. Home Pride Epoxy Sealer 99 suppresses rinsing damp and residual construction moisture (Max. 7% for concrete subfloors and max. 5% of Anhydrite subfloor). Extremely suitable for preliminary treatment of sandy or powdery absorbing mineral subfloors such as cement bounded subfloors, concrete, calcium-sulphate bounded(anhydrite) & leveled subfloor also suitable on wood subfloors, chipboard, terrazzo, ceramic tile and metal.

- ✓ Suppresses residual construction moisture and rising damp.
- ✓ Solvent free & free of water
- ✓ Waterproof and chemical resistant
- ✓ Applied on interior & exterior areas
- ✓ High tensile & shear & compressive strength.
- ✓ Very low tendency to yellow
- ✓ Low shrinkage during the hardening process therefore low tension & Good dimensional stability of the bounding layer
- ✓ Creeping strength is very high due to gel like property & low tendency to fatigue

Application areas

Application areas of Home Pride Epoxy Sealer 99 are as follows:-

- ✓ Floor coating for high traffic areas
- ✓ General floor coating
- ✓ Concrete inlet channels
- ✓ As a primer for damp surface

Application

Surface preparation:

Applied surface must be clean, rough, sound, free from oil and dry.

Pristine concrete surface:

It is essential to thoroughly clean the concrete surface.

- 1- All loose or unsound concrete must be removed by appropriate mechanical means such as scarifying, shot blasting, chipping, grinding or sanding.
- 2- Use a grease cutting detergent to remove grease and oil.



New made concrete surface:

New made concrete surface should be allowed to fully cure 28 days at 24 °C before application of Home Pride Epoxy sealer 99. If a curing membrane was used than it must be removed by etching or sanding with a strong detergent .if no curing membrane was used the surface should be etched using environmentally safe acid, ambry paper etc.

Previously coated concrete:

An existing coating which is degraded in any way should be removed completely by suitable means. If surface is intact , the surface should be cleaned thoroughly with a strong detergent and sanded lightly to create a profile.

Mixing :

Pour component A (resin) and component B (Hardener) with mixing ratio 2:1 in a container. Blend the both components thoroughly with jiffy mixer blade or equivalent at 200 rpm for 3 minutes . at the time of mixing care should be taken to avoid incorporation of air into the product . presence of air into the product can cause adversely affect at quality of finish layer.

Application:

After preparation of surface & mixing . Home Pride Epoxy sealer 99 can be mixed and applied on the surface by on small area sort or medium nap roller and on large areas, initially spread mixture with a notched squeegee followed finishing with a sort or medium nap roller to obtain a uniform surface. Two coat approaches is favorable to minimize potential of pinholes. Coverage will vary depending on the substrate finish and nature. Pot life of mixture is approx 30 minutes at 20 °C, use mixture within 25 minutes.

Technical Specification

| | | |
|---|-------------|--------------------------|
| Physical State | Component A | Liquid |
| | Component B | Liquid |
| Colour | Component A | Clear |
| | Component B | Pale yellow |
| Density | Component A | 1.18 g/cm ² |
| | Component B | 1.14 g/cm ² |
| Mixing ratio | A : B | 2 : 1 |
| Mixed density | | 1.4 g/cm ³ |
| Mixed viscosity /CPS (where applicable) | | 2000 |
| Pot life at 25°C | | 30 min |
| Recoat time/hr | | 9-11 hr |
| Thickness per coat | | 0.25 mm |
| Coverage | | 15 sqm/pack @ 0.25 mm |
| Temperature resistance | | -20 °C to +60°C |

| | | |
|-------------------------|------------------------------|--------------------------|
| Working time of mixture | 10°C | 60 - 50 Min |
| | 20°C | 20 - 25 Min |
| | 30°C | 10 – 15 Min |
| | 40°C | 5 – 10 Min |
| Mechanical property | Tensile Adhesive strength | 35- 52 N/mm ² |
| | Compression strength | 45-55 N/mm ² |
| Set to load bearing | At 20 °C | 24 hr |
| Complete curing | At 20 °C | 7 days |
| Chemical resistance | Water absorption | <0.3 % |
| | Salt water | Stable |
| | Sodium chloride solution 10% | Stable |
| | Acetic acid10% | Conditionally Stable |
| | Soda lye 10% | Stable |
| | HCL 10% | Stable |
| | Formic acid 10% | Conditionally Stable |
| | Diesel | Stable |
| | Petrol | Stable |
| | Lubricating oil | Stable |

Home Pride Epoxy sealer 99

Packaging Size

1 kg and 5 kg

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.
- ✓ Mix Home Pride Epoxy Sealer 99 is no longer to be used if it has already thickened
- ✓ Used two separate spatulas for component A & Component B.
- ✓ Home Pride Epoxy Sealer 99 is not to be used at temperatures below 10 °C because it will not sufficiently harden and above 50°C the hardened Home Pride Epoxy Sealer 99 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)
- ✓ Minimum temperature of the substrata should be 15 °C.
- ✓ Apply the Home Pride Epoxy sealer within 30 minutes after mixing both components. do not apply sealer once viscosity has started increasing in container.

Shelf life

Store in cool & Dry in its original closed container shelf life up to 12 month (1 Year) at Temperature between 05 °C to 25°C.

Health Precautions

- ✓ This product contains Resin and can be irritating to eyes and skin
- ✓ Avoid eye contact and prolong contact with skin
- ✓ Wash thoroughly after handling
- ✓ wear a P2 type respiratory mask
- ✓ Gloves ,Goggles and Dust mask should be worn
- ✓ If eye contact occurs flesh with water for 15 minutes and consult with physician
- ✓ **Product only for professional use.**

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



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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.