



Top Floor FB 700

Product Description

An economic solvent free, two-pack epoxy primer for concrete and cement floors with good penetration and filling properties. The product contains performance enhancing fillers and can be used as a primer or surface leveler for uneven concrete surfaces.

Product uses:

The product is designed to be used as an economic primer on concrete floors and also can be used as it can also be used as a construction coat when a temporary solution is needed to protect the substrate from moisture during construction.

Properties

- Solvent Free Product.
- It has good filling properties especially for porous surface.
- Easy to apply

TECHNICAL PROPERTIES

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| <i>Appearance/Color</i> | Semi flat / Semi transparent |
| <i>Density:</i> | 1.25 kg/liter (Mixed) |
| <i>Volume solids %:</i> | 100 % |
| <i>Theoretical spreading rate:</i> | 10 m ² /ltr / 8 m ² /kg (100 micron DFT) |
| <i>Consumption:</i> | 0.100-.0.150 ltr/ m ² (125-150 g/m ²) |
| <i>Recommended DFT: (Dry Film thickness)</i> | 100 micron |
| <i>Flash Point:</i> | 120 ° C. /248 °F |
| <i>Open time:</i> | 2 hours (23°C and 50% R.H.) |
| <i>VOC:</i> | 10 g/ltr |
| <i>Adhesion:</i> | min. 1,5 N / mm ² |
| <i>Tensile strength:</i> | 30,0 N / mm ² (15 Days) EN 196-1 |
| <i>Compressive strength:</i> | 60,0 N / mm ² (15 Days) EN 196-1 |
| <i>Surface dry:</i> | 2 approx. hour(s) 23°C/73.4°F 50% R.H |
| <i>Light foot traffic</i> | 12-14 hours (23°C and 50% R.H.) |
| <i>Full dry:</i> | 24 hours (23°C and 50 % R.H.) |
| <i>Full cure time:</i> | 7 days (23°C and 50 % R.H.) |
| <i>Application temperature:</i> | +8 °C/46.4° F and +35 °C/ 95°F |
| <i>Min. cure temperature:</i> | +10°C/50°F |

Application Details

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|----------------------------|---|
| <i>Mixing Ratio:</i> | Component A: 10– Component B: 3 (By weight) |
| <i>Application method:</i> | Metal Trowel – Airless Spray |
| <i>Pot Life:</i> | 2 hours |
| <i>Thinner:</i> | Do Not Thin The Product |
| <i>Thinner Amount:</i> | Do Not Thin the product |



Surface Preparation:

- Surface must be dry, clean and free of all contamination such as dirt, oil, grease, and coatings etc. which hinder adhesion.
- Surface must be firm and have enough strength. If in doubt, apply a test area before beginning.
- Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.
- All dust, loose and friable particles should be removed from the surface before application with brush and/or vacuum cleaner.
- Grinding by diamond disk should take over the place and all the dust must be removed by vacuum machine.
- All the cracks must be repaired by epoxy filler or epoxy mortar.

PRECEDING COAT:

Nothing

Important Remarks:

- Surfaces must have enough structural strength.
- Concrete should have minimum of 25 N/mm² compression resistance and minimum 1, 5 N/mm² tensile strength.
- Applications below 10°C should be avoided.
- High temperatures lower the pot life of the product, while low temperatures extend cure time and consumption.
- Be careful about product mixing ratios.
- The surface should be protected from moisture and rain for 8-10 hours after application.
- All application tools and equipment should be cleaned with thinner immediately after the use. Cured material can only be removed mechanically.
- Use only where application and drying can proceed at temperatures above: 10°C/50°F. The temperature of paint itself should be 15°C/59°F or above. Apply only on a dry and clean surface with a Temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying.
- The natural tendency of epoxy coatings to chalk in outdoor exposure.

Shelf life & Storage:

24 months from date of production if stored properly in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5°C and +30°C.

Safety:

For information and precautions on the safe handling, transportation storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

Mixing:

Before mixing with the curing agent, stir the base thoroughly in order to prevent any possible settling after storage. After mixing it is equally important to maintain stirring to keep the wet paint as a Homogeneous mixture.



Legal Notice:

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