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DELTA OXYFLOOR PRIMER

DESCRIPTION

Delta Oxyfloor Primer is a two-component solventless epoxy primer. It exhibits rapid cure and a workable pot life. Good adhesion to porous substrate with good penetrating properties for concrete surfaces.

RECOMMENDED USE

Delta Oxyfloor Primer is suitable for priming concrete surfaces prior to the application of any Delta Top Coat range of Epoxy based floor toppings.

CHARACTERISTICS

- Low Viscosity
- Improves the adhesion of epoxy floor toppings
- Self-smoothing
- Good penetration capabilities
- Easy to apply

BASIC DATA

| | |
|--------------------------------------|---|
| Colour | Clear or color available on request |
| Gloss Level | Gloss |
| Volume Solid | Approx. 80% \pm 2% by weight |
| Dry Film Thickness | 150 microns per coat |
| Theoretical Spreading Rate/ Coverage | 0.25 kg/m ² for ~ 175 microns |
| Temperature Resistance | 93°C (dry) |
| Flash Point | Base: 53°C Hardener: 48°C |
| Pack Size | 20 kg unit Base: 16.0 kg Hardener: 4.0 kg |
| SG (mixture) | 1.18 gr/ml |
| Shelf Life | At least 12 months when stored cool and dry |



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INSTRUCTION FOR USE

Surface Preparation

Thorough surface preparation is vital. For best results Putramataram recommends mechanical preparation techniques. (For example, mechanical scarifying, grit-blasting, sand blasting). For flooring works, care must be taken to ensure that the substrate does not suffer from rising dampness. If such conditions exist, please consult Putramataram.

New Concrete Floors

Should be at least 28 days old or have a moisture content of less than 5% before proceeding with epoxy application. Laitance and deposits on new concrete floors are best removed by light grit blasting, mechanical grinding. On smaller areas thorough etching may be considered. After etching the floor, it should be thoroughly washed with clean water and then let to dry.

Old Concrete Floors

Mechanical cleaning methods are strongly recommended on old concrete floors, particularly where heavy contamination by oil and grease has occurred or existing coatings are present. These may well have been absorbed several millimeters deep into the concrete. To ensure good adhesion all contamination should be removed and the surface thoroughly cleaned of all dust and loose debris. A thorough detergent wash is also recommended followed by thorough cleaning with clean water and mopping it off to a dry state.

Mixing

Add the entire contents of the hardener tin to the base and mix thoroughly for 3 mins. until homogeneous, using a slow speed drill (200 - 400 rpm) fitted with a suitable mixing paddle.

Application

Once mixed the primer should be applied immediately in a thin continuous film to the clean prepared surface. Work the primer into the surface using a stiff brush or roller. Excess application and puddling should be avoided. On porous surfaces. Delta Oxyfloor Primer will be absorbed very quickly leaving. For Delta Oxyfloor Top Coat applications, leave the Delta Oxyfloor Primer to dry overnight.

Brush/Roller

Recommended to use

Mixing Ratio

Base : Hardener = 4 : 1 by weight

Thinner

Ready for use

Cleaner/Cleaning Solvent

DELTA Thinner Epoxy



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ADDITIONAL DATA

Overcoating Intervals

| Temperature | 25°C | 32°C |
|-------------|---------|---------|
| Minimum | 7 hours | 4 hours |
| Maximum | 1 month | |

Drying/Curing Time

| Temperature | Touch Dry | Through Dry | Full Cure |
|-------------|-----------|-------------|-----------|
| 25°C | 2 hours | 14 hours | 7 days |
| 32°C | 1 hour | 8 hours | |

Pot Life

| Temperature | Pot Life |
|-------------|------------|
| 32°C | 35 minutes |

STORAGE AND HANDLING

The product must be stored in accordance with national regulation. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from the source of heat and ignition. Containers must be kept tightly closed. Handle with care, stir well before use.

SAFETY PRECAUTIONS

Keep away from heat, spark and open flames. Avoid breathing of vapour on skin and eye contact. Keep container closed and store in a cool, ventilated area when not in use.

Proper ventilation and protective measures must be provided during mixing, application and drying, to keep vapour concentration within safe limits and to protect against toxic hazard. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined and enclosed space, such as tank interior and building.