



technical data sheet.



topcoat.

protects waterproofing from harmful ultraviolet light

リフレクト
reflecto.



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cmsreflecto



www.reflecto.co.id



0811 847 339

topcoat.

description.

topcoat is a two component solvent based and non-yellowing, non-chalking aliphatic acrylic polyurethane enamel. The specialty of **topcoat** is having a dry time of only 3.5 hours.

recommended for.

suitable for flooring as intermediate coat or as topcoat:

- Food and beverage production area
- Hospital, pharmaceutical factory
- Pulp and paper industry
- Workshop
- Electronic engineering and packaging plant
- Garment
- Processing plants, etc.

basic data.

| | |
|-------------------------------------|---|
| Colour | gray |
| Gloss Level | Gloss |
| Volume Solid | Approx. 70 ± 2 % by weight |
| Dry Film Thickness | 100 - 125 microns per coat |
| Theoretical Spreading Rate/Coverage | Approx. 0.12 - 0.15 kg/m ² for 100 microns |
| Temperature Resistance | 93°C (dry) |
| SG-Mix | 1.18 gr/ml |
| Flash Point | Base: 53°C Hardener: 48°C |
| Pack Size | 20 kgs unit. Base: 16.3 kgs Hardener: 3.7 kgs |
| Shelf | At least 12 months when stored cool and dry |

instruction for use.

Surface preparation:

Thorough surface preparation is vital. For the best results, we recommend mechanical preparation techniques. For example, mechanical scarifying, grit-blasting, sand blasting. For flooring works, care must be given to ensure that the substrate does not suffer from rising dampness. If such conditions occur, please consult Reflecto.

New concrete floors:

Should be at least 28 days old or has a moisture content of less than 5% before proceeding with epoxy application. Laitance or deposits on new concrete floors are best removed by light grit blasting, mechanical grinding. In smaller areas, thorough etching may be considered. After etching the floor, it should be thoroughly washed with clean water and then left 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 have been absorbed several millimeters deep into the concrete. To ensure good adhesion, all contaminants must be removed and the surface cleaned of all dust and loose debris. A thorough detergent wash is also recommended followed by rinsing 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 rigorously for 3 mins until mixture is homogeneous by using a slow speed drill (200 - 400 rpm) fitted with a suitable mixing paddle.



Application:

Apply **topcoat** by using a low speed electrical stirrer mixer. Firstly, stir the base quickly before mixing, mix one set of **topcoat** for at least 3 minutes until the mixture is homogeneous. Spread the mixed material onto the substrate by using a paint roller following the application of **topcoat**. Apply within 30 minutes before the material dries completely.

Brush/ Roller: Recommended to use
 Mixing Ratio, Base : Hardener = 4.5: 1 by weight
 Thinner: Recommended to use
 Cleaner/ Cleaning Solvent: Thinner

additional data.

Overcoating Intervals

| | | |
|-------------|---------|---------|
| Temperature | 25°C | 32°C |
| Minimum | 5 hours | 4 hours |
| Maximum | - | |

Drying / Curing Time

| | | | |
|-------------|-----------|-------------|-----------|
| Temperature | Touch Dry | Through Dry | Full Cure |
| 25°C | 5 hours | 1 hours | 1 hour |
| 32°C | 3.5 hour | 20 minutes | 4.5 hours |

none of our published instructions and specifications, in writing or otherwise, are binding either in general or with respect to any third party rights, or do they relieve interested parties of their duty to subject the product to an adequate examination of its suitability. in no event will reflecto. be responsible for damages of any nature, whatsoever, resulting from the use of or reliance upon information or the product to which information refers.

Pot Life

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

storage and handling.

Product must be stored in accordance with national regulations. Storage conditions are to keep the containers in a dry, cool, well ventilated space and away from 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 vapour on skin and eyes. Keep the container closed and stored 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 hazards. Necessary safety equipment must be used and ventilation requirements carefully observed, especially in confined and enclosed space, such as tank interior and building.