



POLYURETHANE – SURFACER

Description

Two-component-drying intermediate/primer surface coat.

Recommended Use

Recommended over putty / primer applied surfaces for better gloss retention and aesthetics in top coats.

Physical Data

| | | |
|----------------------------|---|---|
| COLOR | : | Grey, White |
| FINISH | : | Egg Shell to Matt |
| SOLIDS BY VOLUME | : | 40 ± 3% |
| THEORETICAL SPREADING RATE | : | 13.3 sq. mt./ltr. at recommended DFT of 30 μ |
| FLASH POINT | : | Base : Above 23° C Hardener : Above 23° C |
| DRYING CHARACTERISTICS | : | Surface Dry : 20 - 30 minutes Hard Dry : Overnight Full Cure : 7 Days |
| SHELL LIFE | : | BASE : 6 months HARDNER : 6 months |

Surface Preparation

This being intermediate/finish paint, it is applied either over primer. The surface should be free from moisture, oil and dust before application. In case of aged epoxy coating/exceeded over coating, the surface should be sufficiently roughened prior to painting.

Application Data

| | | |
|----------------------|---|--|
| MIXING RATIO | : | Base : Hardener (As per our recommendations) |
| APPLICATION | : | By Brush / By Conventional Spray / By Airless Spray |
| THINNER | : | Type 001 |
| POT LIFE | : | 4 hours min at 30° C |
| RECOMMENDED DFT | : | 30 – 35 μ. |
| OVERCOATING INTERVAL | : | Min. : 8 hours Max.: 24 hours |
| COMPATIBILITY | : | Can be top coated by Epoxy, PU, Chlorinated Rubber and synthetic enamel paints. Compatible with Epoxy and zinc rich primers. |



Khodal Paints

Application Method

Stir the Base part thoroughly. Mix the base and hardener in the recommended ratio by volume. Stir the mix thoroughly to attain homogeneity. Add thinner Type 001 into the mix, if required, depending on application method and stir thoroughly for few minutes. Allow the mixture to stand still (maturation) for about 10 minutes to initiate the reaction. Strain the paint through Nylon filter cloth and apply uniformly over the surface. All equipments used for above should be properly clean.

Application : By Brush / By Conventional Spray / By Airless Spray

Generally no thinner is required for Brush application, however under adverse environmental conditions about 5% of thinner, by volume can be added. Apply evenly in crossed manner and ensure the uniform application. Use quality brushes for paint application.

For Conventional Spray application:

Thinner : Type 002
Addition : 5-15%,
Nozzle Orifice : 1.2 – 1.4 mm
Nozzle Pressure: 40 – 70 p.s.i.

For Airless Spray application:

Thinner : Type 002
Addition : Max 5%, if required
Nozzle Orifice : 0.28 – 0.37 mm
Nozzle Pressure: 1400 – 1800 p.s.i.

Notes

1. Do not apply paint when temperature falls below 10° C or rises above 50° C when Relative Humidity is above 85% & during rain, fog or mist. Surface temperature must always be minimum of 3 ° C above Dew point.
2. Brushes and Spray equipment should be cleaned with KP's recommended thinner otherwise equipment is liable to be damaged.
3. DFT variation can be obtained by change in application method / thinning ratio. Contact Khodal Paints representative for further assistance.
4. Shelf life indicated is minimum for this Product in sealed conditions and it is subject to re-inspection thereafter. Individual component is required to be stored in cool, dry and covered condition away from heat and ignition.

Health & Safety

This is a solvent based paint and care should be taken to avoid inhalation of spray or eyes. Mist or vapours as well as contact between the wet paint and exposed skin.

Limitation of Liability

To the best of our knowledge the technical data in our literature are true and accurate at the date of issuance but are subject to change without prior notice. We guarantee our product to conform to the specifications contained herein. We make no other warranty or guarantee of any kind, express or implied, including merchantability and fitness for particular purpose. Liability, if any is limited to replacement of the product or refund of the purchased price. Labour or cost of labour and other consequential damages are hereby excluded.