PRODUCT

#100 COAT
High Build Epoxy Vinyl Intermediate Coat

DESCRIPTION

#100 COAT is a two-component, solvent-containing, high build epoxy vinyl intermediate coat with good resistance to abrasion, impact and chemicals.

USES

As an intermediate coat with extended recoating intervals in epoxy and polyurethane systems. Suitable for marine and industrial environment. No suitable for immersion service.

SPECIFICATIONS

- Classification UNI 8681:DD	Two packs semi-gloss solvent born epoxy vinyl resin (B3.A.1.C.1.B.DD)
- Colour:	Upon request
- Film aspect EN 13300:	Semi-gloss
- Thickness EN 13300	150 µm dry (min. 90 max 200)
- Theoretical spreading rate:	4,5 m2/l
- Theoretical consumption:	330 g/m2
- Adhesion	Cross cut test: ISO value = 0
- Mixing ratio:	90 parts 'A' to 10 parts 'B' by weight.
- Specific gravity (Kg/dm^3):	1470 ± 50 g/l
- Solids content:	67 ±2%
- V.O.C.	460 ± 10 g/l
- Pot Life at 20°C :	> 2 hours
- Touch dry:	6 hours
- Hard dry:	12 hours
- Overcoating time:	12-36 hours.
- Number of coats:	1-2 on S PRIMER
- Surface preparation:	Depending on the used Primer
- Thinning:	0-5% if strictly required, Epoxy Thinner.
- Application Temperature:	5° + 50° C
- Service temperature:	Dry exposure 120°C
- Relative humidity	≤ 80%
- Storage life:	18 months
- Packing:	2 Kg., 10 Kg. and 20 Kg. units

HOW TO USE

SURFACE PREPARATION

Surfaces must be clean and dry. Preparation depending on used primer.

MIXING

Check uniformity of each component and stir parts "A" and "B" separately.
Mix only the quantity of material that can be used before expiration of pot-life. For standard quantities, pour all of part "B" into can containing part "A". Mix thoroughly using a mechanical low speed mixer with a paint mixing paddle until material attains uniform consistency and colour. Carefully scrape the sides and

bottom of the containers while mixing. Thorough mixing will take 3 to 5 minutes. For larger batches check uniformity of each component, stir parts "A" and "B" separately and thoroughly, measure the two components as specified on the packs into a clean container and proceed as above.

APPLICATION

Airless-Roller-Brush.
Pump ratio 45:1
Nozzle orifice: 0,015 – 0.021 inches
Nozzle pressure 150-180 atm.
#100 COAT should be applied on the relevant S PRIMER.

HANDLING AND TOXICITY

"A" and "B" Components for Industrial Use Only!

#100 COAT is flammable and due precautions should be taken. Good ventilation is necessary for indoor work and great care should be taken to avoid inhalation of vapour from heated material. Skin contact should be avoided by wearing impervious gloves (rubber or disposable polyethylene), and by using suitable goggles for eyes; barrier creams such as Kerodex N. 7 may also assist in affording additional protection. During spraying workers must wear a breathing apparatus. Any accidentally contaminated skin areas should be cleansed immediately with soap and water and/or a suitable resin removal cream; for eyes, flush with plenty of water and get medical attention immediately.

The use of solvents for skin cleansing should be avoided.

All information and direction contained in this technical data sheet are given in good faith and are based on the best known practical test.
SINIT when having no control over transport, storage, handling, use and application of its product, will disclaim any responsibilities for any unsatisfactory results obtained.

All tests have been carried out at 23 °C

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These data supersede all previously published data.

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