

PRODUCT**#100 COAT**
Epoxy Vinyl Coating**DESCRIPTION**

#100 COAT is a two-component, solvent-containing, epoxy vinyl coating designed for the protection of steel and concrete structures.

#100 COAT offers excellent resistance to water and many chemicals

USES

Corrosion and chemical protection of steel;

Exterior or interior coating of porous concrete to provide a seal and to prevent moisture penetration.

SPECIFICATIONS

- Form:	Two packs to be mixed immediately before using.
- Colour:	RAL
- Mixing ratio:	90 parts 'A' to 10 parts 'B' by weight.
- Density (Kg/dm ³):	1,35 ± 0,05
- Solids content:	72%
- Dilution:	Diluent OMNIA
- Pot Life at 20°C :	60 min.
- Tack free time:	6 hours
- Touch dry:	18 hours
- Overcoating time:	not less than 12 not more than 24 depending on ambient temperature.
- Full cure:	7 days
- Number of coats:	1-2 on S PRIMER
- Consumption:	150-200 gr/sq.m. per coat
- Film thickness:	80-100 microns per coat.
-Application Temperature:	Not recommended when ambient and/or surfaces temperature is below 10°C and falling or exceeding 40°C.
- Storage life:	18 months (minimum) if stored in the original tightly sealed packs.
- Packing:	in 2 Kg., 5 Kg. and 20 Kg. units

HOW TO USE**SURFACE PREPARATION**

Surfaces must be clean, dry and sound and suitably prepared for this intermediate coat. The recommended methods of cleaning are:

- Grit-blasting.
- High pressure water jetting.
- Mechanical brushing

MIXING

Check uniformity of each component and stir parts "A" and "B" separately.



Mix only the quantities of components that can be used before expiration of pot-life. For standard quantities pour all part "B" into can containing part "A" (resin). For smaller batches check uniformity of each component, stir parts A and B thoroughly, measure the two components as specified on the packs into a clean container, mix thoroughly using a mechanical low speed mixer and a paint mixing paddle until material attains uniform consistency and colour. Thorough mixing will take 3 to 5 minutes.

APPLICATION

Spray application is preferable to other methods because of speed and ease to achieve a uniform coating. However, brush or roller may be employed. A maximum 120 microns film thickness per coat should be applied to prevent solvent entrapment, which may cause poor adhesion and reduced water and chemical resistance. #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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