

BLUSKY™FLOWTHANE BI

Two Component Solvent Based Impregnating / Penetrating Epoxy Primer

Description

BLUSKY™FLOWTHANE BI is a general purpose two component Epoxy impregnator/primer. It is a solvented primer for superior penetration. It is carefully formulated using selective Epoxy polymers to give an impregnating primer for Epoxy and PU toppings/coatings. It's main function is to enhance the bonding between the concrete and Epoxy / PU top coatings. It acts as a general impregnating /penetrating protective primer that protects concrete masonry & metal structures from corrosive soil salts and ingress of subsurface water.

Indicative Characteristics

Form PART A	Pale Yellow Liquid
PART B	Clear Liquid
Mixing Ratio, PART A: PART B	100: 15
Mixed Density, kg/lit	0.91 ± 0.03
Pot life at 27°C	60 - 90 minutes
Drying time at 27°C	30–60minutes

Domains of Application

- As a Primer with good adhesion to concrete and steel.
- Can be applied on slightly dampened surfaces. It is ideally recommended as a primer for our product Elastothane.
- Priming for Polyurethane based coatings /toppings.
- General purpose primer for epoxy toppings and coatings

Method of Application

Surface Preparation

Surface to be treated must be sound, clean and free of contaminant. All loose particles, dust, etc. should be removed by wire brush or other suitable means. Pot holes, cracks, depressions shall be filled.

The information contained in this technical data sheet is given to the best of our knowledge and the results from extensive testing in order to remain as objective as possible. However, it cannot, in any case be considered as a warranty involving our liability in case of misuse or any different use of our products from the "Application" paragraph of this technical data sheet. Some application tests should be carried out before using the product to ensure that the methods of use and conditions of application of the product are satisfactory. Our technical assistance is at the disposal of the users Consult the latest update of the technical data sheet on our website www.bluskyscpl.com

Mixing

A suitable power driven mixer / stirrer is recommended for uniform mixing. Stir the base and hardener separately. Add hardener into the base and stir well till a uniform color is achieved. Wait for 5 minutes for induction and to release entrapped air from the epoxy mix. Remix the mass again before apply it. All packs are pre-weighted and ready for on site mixing. Do not use fraction of any **PACK**. Always use whole packs for best results.

Application

BLUSKY™FLOWTHANE BI can be applied by brush, roller or squeegee. In general it is recommended to apply Single coat of **BLUSKY™FLOWTHANE BI** for priming purpose. If the surface is very porous second coat may be applied to seal the pores.

Coverage

About 4 to 6 m² / kg material per coat on fairly smooth. Highly porous and rough surfaces will affect the coverage.

Advantages

- It is resistant to chloride, sulphate, mild acid and alkalis present in the substrate.
- It has excellent bonding and adhesion with concrete.
- Adheres to a wide range of substrates
- Economical

Shelf Life & Storage

12 months from the date of manufacturing when stored in un-opened, original sealed and dry condition at a temperature range from +5°C to 40°C

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Packing

5 kg and 20 kg

Precautions

- Store the material at the 2° to 40°C temperature range in shaded cool place and keep it away from fire and any heated body. Clean all tools with MEK or any standard solvent before hardening starts.
- Mix only sufficient materials for immediate requirements.

Safety

- Wear hand gloves, safety shoes and safety goggles while using and handling the product.
- In case eyes or mouth are affected wash with plenty of clean water and seek medical treatment immediately.

Before use, refer to the Material Safety Data Sheet.
The MSDS is available on www.chryso.com

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