

MIPRO-PU

A HARD WEARING FLEXIBLE POLYURETHANE COATING

PRODUCT DESCRIPTION:

MIPRO-PU is a solvent based two-component system, based on MIPRO-PU resin, specially designed for excellent chemical resistance and UV resistance. Provides a hardwearing surface for the floor.

The finally cured film is tough, flexible and has excellent adhesion to concrete, tiles, metals, etc. The film has a semi-gloss and smooth finish.

PRODUCT FEATURES:

- Ideal for sealing porous concrete
- Non dusting and easy clean ability
- Hard wearing
- Fast curing
- Good aesthetics
- Excellent chemical resistance

RECOMMENDED USES:

For chemical and abrasion resistant floors, tanks, steel & concrete structure etc.

- Production assembly areas
- Workshops
- Food processing
- Soft drink bottling plants
- Dairies and breweries

PRODUCT SPECIFICATIONS:

- **Mixing Ratio:** Base: Hardener 3:1 or as directed on the container.
- **Pot Life** - 2 Hours
- **Colors** - Ivory, Grey or any other as required
- **Drying Time** - Touch dry – 30 min. to 2 hrs hard dry – 4 Hrs. to 8 hrs. depending upon temp.
- **Dry Film Thickness** – approx. 30-50 Micron.
- **Wet Film Thickness** – approx. 50 to 80 microns
- **Coverage:** - 10 to 12 Sq.Met. Per kg. Depending on porosity, roughness and the material of substrate and also method of application.
- **Method of Application:** Brush or roller, Spray

SURFACE PREPARATION:

The long-term durability of the applied **MIPRO-PU** topping is dependent on the adhesive bond achieved between the flooring material and substrate. It is most important therefore, that substrate surfaces are correctly prepared prior to application.

1. New concrete or cementations substrates should have been placed at least 28 days and have a moisture content of less than 5% before topping with **MIPRO-PU**.
1. Before application, the surface to be coated should be free from loose particles, rust, oils, grease or earlier coatings and should be thoroughly dry.
2. After surface is dry, all repair work like sealing of joints, cracks filling of cavities and crevices should be carried out.

METHOD OF APPLICATION:

1. Stir well before mixing the base and the hardener of the two-component system and mix in the prescribed ratio.
2. Apply one coat of recommended primer on clean and dry concrete surface.
3. **MIPRO-PU** should be applied on the surface to be coated by brush or spray equipment or airless spray machine and the coat should be allowed to air dry for at least 4 hours preferably in a dust free atmosphere.
4. If two or two coats are required, allow the first coat to dry hard before applying the next coats.

HANDLING AND SAFETY:

Keep the containers tightly sealed when not in use. Avoid skin contact and inhalation of fumes (if any). While spraying it is advised to wear a mask. If it comes in contact with the body, wash affected parts with plenty of water. In case of persistent irritation, contact a physician. The manufacturer reserves the right to change the specifications. Products are guaranteed against material manufacture and are sold subject to company's Terms and Conditions of Sale. Whilst we endeavor to ensure that advice, specifications, recommendations and information given is correct, we cannot have control over how our products are applied and will not accept liability, directly or indirectly, arising from application of our materials.

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