

FloArm Primer PU

(Formerly known as MYK INDUFLOOR PUSC)

Solvent - Free Primer for FloArm HPU Flooring



TECHNICAL DATA SHEET

Product Description

FloArm Primer PU a solvent-free, three-part primerbased on polyurethane technology. Base as a low Viscosity white liquid, Hardener is a low viscosity brown liquid and it consists a Special Filler which is a fine white powder.

Uses

FloArm Primer PU is applied to prepared concrete substrates prior to coating with FloArm TOP HPU industrial flooring.

It reduces the porosity of the prepared concrete.

Features and Benefits

- Environmentally friendly
- No volatile solvents
- Non-Tainting
- Safe
- Non-Flammable
- Easy application by roller or brush

Application Methodology

Substrate requirement:

The substrate must be clean, dry & free of all contaminates having preferably the following properties

- Concrete quality: min. C20/25
- Screed quality: min. EN 13813 CT-C25-F4
- Age: min. 28 days
- Pull out strength = 1.5 N/mm²
- Residual moisture < 4.0% (carbide hygrometer)

Step No.1: Surface Preparation

All previous floor coating if any must be mechanically removed to the maximum extent possible. It is acceptable to relay on floor coating that has a firm bond (pull out strength of 1.5 N/mm²).

Concrete substrates must be prepared mechanically using abrasive blast cleaning, scarifying or grinding equipment to remove cement laitance and achieve an open textured surface. Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.

Repairs to the substrate, i.e., filling of blowholes/voids and surface leveling must be carried out using appropriate repair product. All dust, loose and friable material must be completely removed from the surface before application of the product, preferably by brush and/or vacuum. Ensure moisture content of the concrete surface is below 4 % - no rising moisture according to ASTM D 4263 (Polythene Sheet Method) and above 3 deg C dew point

Step No.2: Mixing:

Pour the contents of the base can and the hardener can into a 5 litre polyethylene mixing pail and mix using a high-speed stirrer (having RPM 1500 to 2000) for 20 seconds. Add the Special filler bag and continue mixing for a further 30 seconds or until the mix becomes homogeneous and without any lumps. The working life is approximately 10 minutes. Multiple units may be mixed but do not mixes more material than can be applied in 10 minutes.

Step No.3: Application:

Do not apply to damp substrates. Do not apply when atmospheric condensation is occurring or likely to occur before full cure is obtained, i.e. when the substrate temperature is within 3°C of the dew-point. Pour the mixed material into an industrial paint tray and apply by roller taking care to avoid ponding. Apply the material around the edges of areas and into grooves (chases) by brush to ensure even application.

Note:

If 1 kg or more of mixed material is left in the mixing container for more than 10 minutes it will react strongly giving off considerable heat. This should be avoided but if it does occur the container should be placed outside until reaction is complete.

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Curing

FloArm Primer PU should be allowed to cure for a minimum of 18 hours @ 28-30°C and a maximum of 48 hours before applying FloArm HPU industrial flooring. At temperatures below 15°C these times may be extended.

Consumption

Coverage is influenced by substrate roughness, porosity and temperature. The following can be used as a guideline. Field trial to ascertain exact coverage's are strongly recommended. Coverage 200 – 400 gms / m²

Packaging

- FloArm Primer PU is supplied as three factory batched components.
- 2.5 kg (Base + hardener + special filler) Composite Pack

Storage and Shelf Life

All parts of FloArm Primer PU should be stored under cover and free of the ground. Protect from all sources of moisture. Storage conditions should be dry, above 5°C and below 30°C under above storage condition; the shelf life of the product is 6 months from the date of manufacturing if stored as per above storage condition.

Health & Safety

It is advisable and must to wear goggles, hand gloves while mixing and applying Inhalation. When it comes in contacts with skin, should be cleaned immediately. Seek medical advice in case of contact with eyes or inhalation.

Legal Note

The information, and, in particular, the recommendations relating to the application and end-use of MYK Arment products, are given in good faith based on MYK Arment current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with MYK Arment's recommendations. In practice, the difference in materials, substrates and actual site conditions are such that no warranty in respect of merchant ability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application & purpose. MYK Arment reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local product data sheet for the product concerned, copies of which will be supplied on request.

Product Categories Available

