

FloArm Primer 1260

(Formerly known as MYK INDUFLOOR -IB 1260(I))

Solvent free Universal primer



TECHNICAL DATA SHEET

Product Description

FloArm Primer 1260 is a two-component solvent free, low viscous epoxy resin primer for both horizontal & vertical applications. It may also be used for producing leveling and scratch coats for surface preparation prior to final flooring.

Uses

- For priming concrete substrates, cement screeds and epoxy mortars
- For normal to strong absorbent substrates
- Primer for the Arment floor resin systems.
- Binder for levelling mortars and mortar screeds
- Intermediate layer underneath Arment floor resin systems

Features and Benefits

- Solvent free
- Low viscosity
- Excellent bond strength
- Easy application
- Short waiting times
- With stands mechanical loading
- Watertight
- Resistant to dilute alkalis, acids, aqueous salt solutions, lubricants
- Could be fillerised for making epoxy mortar
- Multi purpose

Application Method

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 rely 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

Components A (resin) and B (hardener) are supplied in a predetermined mixing ratio. Pour component B into component A. Ensure that the hardener drains completely from its container. Mixing of the components is to be carried out with a suitable mixer at approx. 150-200 rpm (e.g. drill with paddle). It is important to also stir from the sides and the bottom to ensure that the hardener is evenly dispersed. Stir until the mix is a homogenous mix, standard mixing time is 3 minutes. The minimum temperature during mixing should be +15° C.

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Ensure that the mixing container is clean dry and free from any foreign particles.

Step no.3: Method of Application / Consumption

Make sure that a continuous pore free coat covers the substrate. If necessary, apply two priming coats. Apply FloArm Primer 1260 by brush, roller or squeegee.

Coating System	Product	Consumption
Priming	FloArm Primer1260	0.20 - 0.4 kg/m ²

Notes:

- Overcoat the primed area within 12 hours and up to a maximum of 24 hours.

- Primer that has not been broadcast with sand may only be walked on with clean overshoes.

Step no.4: Levelling / Scratch Coat

Prime the floor with FloArm Primer 1260. Consumption: approx 300 – 600 g/m². The mixed smoothing compound is skim applied in one coat. Consumption of finished smoothing Compound: approx. 1.6 kg/m²/mm.

FloArm Primer 1260 : 1.0 part by weight

Quartz sand: approx. 1.0 part by weight (Grade: e.g. 0.2 - 0.7 mm)

The quartz sand is mixed with the previously mixed and decanted resin and hardener components. Ensure that the liquid and solid components are evenly mixed together. Before application on vertical or steeply sloping surfaces it is recommended that with leveling / scratch coats INDUFiber is added. The addition rate lies between 4 - 5 % by weight dependent on the degree of slope.



TECHNICAL DATA SHEET

Technical Data

Base	Two component epoxy resin
Colour	Transparent
Viscosity, at +25°C	Approx. 340 ± 50 mPas
Mixing ratio, parts by weight	100:30
Mixed Density	Approx. 1.10 ± 0.02 g/cm ³
Pot life, at +27° C	Approx. 30 minutes
Application Temperature	Min. approx. +10° C Max. approx. +30° C
Foot traffic after, at +27°C (ASTM C722)	Min. 12 hours
Overcoat after, at +27°C (ASTM D 1640)	Min. 12 hours up to a max. 24 hours
Fully cured, after at +27°C (ASTM C 722)	Approx. 7 days
Min. cure temperature	+10° C
Bond strength @ 7 days at +27°C (ASTM D4541-95)	1.5 N/mm ² (concrete failure)

Product Compliance:

FloArm Primer 1260 compliance to the standard EN 13183, SR-B2.0 (Primer/sealer)

Consumption

200 - 400 g/m² per coat (recommended consumption may vary depending upon the substrate conditions)

Packaging

FloArm Primer 1260 is available in 5 kg and 15 kg containers. Components A and B are delivered in a predetermined mixing ratio.

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TECHNICAL DATA SHEET

Storage and Shelf Life

12 months when stored dry and cool above +10°C in the original unopened packaging.

Note

- Higher temperatures shorten the pot life. Lower temperatures increase the pot life and curing time. Material consumption also increases at lower temperatures.
- The bond between the individual coats can be heavily impeded through the influence of dampness or contamination between the applied coats.
- Due to some reason, if waiting times between different coats increases or if the surface applied with liquid resin is left unattended for long time then the surface must be well cleaned and abraded before the next coat.
- Protect surface protective systems from moisture (e.g. rain, melt water) for approx. 4-6 hours after application. Dampness produces a white discoloration and/or stickiness on the surface and can impede the cure. Discolored and/or sticky surfaces should be taken off e.g., by abrading and renewed.
- Cured product residues are to be disposed of under waste disposal classification 7123 "Epoxy Resin".

Product Categories Available



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.