

# FloArm Top SL2

(Formerly known as MYK INDUFLOOR®- SL 2)

Solvent free pigmented Epoxy Selflevelling



## TECHNICAL DATA SHEET

### Product Description

FloArm Top SL2 is a basically a four-component solvent free system pre-weighed for on-site mixing. The floor provides a hard wearing, smooth light reflective, impervious and easy to clean treated surface.

### General

FloArm Top SL2 is a blend of epoxy resin systems and selected silica fillers and pigments. Each system contains 4 Pre weighed materials of exact proportion for mixing and use on site. It is basically designed for use in wide range of industrial environments where a lasting to low maintenance floor is required.

### Uses

- Laboratories
- Food processing units
- Clean rooms
- Pharmaceutical units
- Computer assembly units

### Features and Benefits

- Durable: Provides a hard and abrasion resistant floor topping
- Chemical resistant: good resistant to wide range of chemicals
- Hygienic: Hygienic seamless floor which is easy to clean!  
Attractive: available in wide range of colors
- Antiskid in nature
- Easy to apply

### Application Method

#### Surface Preparation:

It is essential that FloArm Top SL2 is applied on sound clean and dry surface in order that maximum bond strength is achieved between the substrate and flooring system. The laitance should be removed by grinding or grit blasting. The light laitance has to be removed by acid etching followed by thorough washing with clean water.

#### New Concrete:

The new concrete or cement substrate on which the system is likely to be applied should be 28 days old and have moisture content less than 4%. If moisture contents are more than 4% use MYK arment's special primers FloArm Primer 1250 about 3 minutes to get a homogeneous mixture. Once mixed the primer should be applied immediately on to the prepared concrete surface After the primer application, the surface has to be kept for self-cure before proceeding to the next.

#### Priming:

The concrete surface after proper and thorough surface preparation has to be primed with FloArm Primer EP. The primer is basically a solvent based resin. It is designed basically for better adhesion with the substrate and the flooring system. The primer should be mixed in the given proportions supplied. The entire contents of the hardener should be poured into the base and should be mixed using a low speed drill machine with an attach first stage of operation after 24 hours the Self leveling should be carried out.

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Mixing of FloArm Top SL2 the preweighed packs of the four components resin, hardener, filler and Colour paste has to be mixed for 3 to 4 minutes with slow speed drilling machine fitted with a mixing paddle. The components should be mixed in a suitably sized mixing vessel. The Colour paste should be added to the base and should be stirred for 30 sec. Then add the hardener content to the base until an even color and texture is obtained. Now add the filler content graded aggregate to the mix slowly and continue the mixing for about 3 to 4 minutes slowly until a completely homogeneous mix is obtained.

### Application:

The material once mixed should be used within its specified pot life; the material is poured on to the primed surface and spread it to the required thickness with a notched steel trowel, care should be taken not to over work the resin, spread evenly and slowly, the floor should be firmly rolled with a spiked nylon roller to help release any entrapped air in the material and help level any slight roll marks. The rolling should be carried out using a "back and forth" technique along the same path. An overlap of 50% with adjacent paths is recommended.

### Technical Data

**Pot Life:** @ 35 °C approx. 20 Minutes  
@ 20 °C approx. 45 Minutes

**Compressive strength:** @7 days (BS 6319)  
Approx. 500 Kg/cm<sup>2</sup>

**Flexural Strength:** @7days (BS 6319)  
Approx. 250Kgs/cm<sup>2</sup>

**Foot Traffic:** 24 hours @ 30 °C  
48 Hours @20 °C

**Vehicular traffic:** 48 Hrs. at 30 °C

**Chemical Resistance:** 7 Days@30 °C

# MYK armment

## TECHNICAL DATA SHEET

**Full Cure:** 7 days

**Mixed Density:** 1.65 Gm/cc

Shore D hardness as per (ASTM D 2240)

7 Days: 70 --80

### Consumption

7M<sup>2</sup> @ 2mm thick for a pack of 23 Kgs

### Packaging

23 kg pack

### Shelf Life

1 year if stored in cool dry place

### Health & Safety

FloArm Top SL2 should be applied with gloves and care should be taken to see that it does not fall on skin or eyes. Splashes on to eyes have to be immediately washed with plenty of clean water and medical advice has to be taken.

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### 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.