

MYK INDUFLOOR®- SL 2

Solvent free pigmented Epoxy Selflevelling

Technical Data Sheet

General:

MYK INDUFLOOR-SL 2 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.

Product Description:

MYK INDUFLOOR-SL 2 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.

Areas of Applications:

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

Advantages:

- 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

Technical Data:

Pot Life: @ 35 Deg C approx 20 Minutes
 @ 20 Deg C approx 45 Minutes

Compressive strength: 7 days (BS 6319) approx 500 Kg/cm²
 Flexural Strength: @7days(BS 6319):- Approx 250Kgs/cm²

Foot Traffic: 24 hours @ 30 °C
 48 Hours @20 °C
 Vehicular traffic: 48 Hrs at 30 °C
 Chemical Resistance: 7Days@30° C
 Full Cure: 7 days
 Mixed Density: 1.65 Gm/cc
 Shore D hardness as per (ASTM D 2240) 7 Days: 70 --80

Surface Preparation:

It is essential that MYK INDUFLOOR-SL 2 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 is more than 4% use MYK SCHOMBURG's special primers MYK INDUFLOOR-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 MYK INDUFLOOR-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.

Mixing of MYK INDUFLOOR 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 over lap of 50% with adjacent paths is recommended.

Precautions:

MYK INDUFLOOR-SL 2 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

Supply: 23 kg pack

Coverage: 7M² @ 2mm thick for a pack of 23 Kgs

Shelf Life: 1 year if stored in cool dry place

Quality Policy:

The information given in the data sheet is based on the years of experience, and found correct to the best of our knowledge. However the success of the product & its application is dependent on many external factors. We are fully assured of our products quality at the time of dispatch. As we are constantly endeavoring to enhance the qualities

of our products which may reflect changes in the data sheets. Hence in the event of any doubt on critical parameters it is advisable to consult our technical department

Technical Support:

Technical information regarding SCHOMBURG range of products can be obtained from the technical cell of MYK SCHOMBURG

Note:

Information in this technical data sheet is to the best of our knowledge true and accurate. However, such conditions under which our products may be used are beyond our control, recommendations.

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