

MYK SOLOPLAN -30

Self levelling underlayment upto 30 mm

General:

In any building projects smooth level floors are of utmost important. Soloplan-30 is a premixed self leveling compound in a powder form comprising of specially selected binders, well graded sand and synthetic polymers plasticizing agents and other ingredients, requiring only addition of water at the job site. Soloplan-30 produces highly efficient under layment with self leveling and self finishing properties. High fluidity, good bond and low shrinkage ensure ease of application. By application of Soloplan-30 depressions, seams and surface defects are instantly eliminated after application.

Properties:

- Self leveling
- Polymer Modified
- High Bonding and adhesion to the substrate
- For exterior and interior use
- Quick to mix and ready to use
- Easy to process and fast Curing
- Rapid installation labor saving
- Good adhesion to cement and cement based substrates
- For layers up to 30mm
- Low emission
- Thin bed application
- Chloride free non shrink

Areas of application:

As underlayment for carpets, vinyl flooring, tiles etc, were leveling out the uneven horizontal surface of concrete and screeds, repairing and patching of screeds, concrete and cementitious surfaces.

Soloplan-30 is used for smoothening and leveling in layers

Technical Data:

Basis: Cement aggregate additives

Color: Grey

Application temp and surface temp:
+ 5 °C to + 25 °C.

Compressive strength at 27 °c :

After 24 hrs : 10 N/mm²

7 day : 20 N/mm²

28 days : 25 N/mm²

Flexural strength at 27 °C

After 24 hrs : 1.9 N/mm²

7 day : 4. N/mm²

28 days : 5.5 N/mm²

Pot life at 23 °C : 20 Minutes

Mixed density : 2.10 Gm/cc

Consumptions : 1.76kg/m²/mm layer thickness
water demand (Cold water to be used (10 - 15 °C temp)) : 19 to 22% by weight of powder depending on the climatic conditions

Packing: 25 Kg pack with PE liner

Mixing:

Add Soloplan 30 to the water not vice versa and mix vigorously to achieve homogenous mix

For self-leveling and approximately 4.7 to 5.5 Lts of water per 25Kgs sack. Amount of water can be adjusted to get the consistency in plastic, fluid or trowel able grades. Placing of Soloplan-30

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should be done in one continuous operation

For underlayment over 10mm extend the mix by adding dry, clear and well graded sand.

For self leveling compound add approximately 5 to 5.5 Lts of water for 25 Kgs of Soloplan-30. The amount of water can be adjusted

For layers less than or the same as 20 mm thick, we recommend 5.0 – 5.4 L of water to 25 kg of SOLOPLAN-30. For layers of 20 mm and higher, we recommend 4.7 – 5.1 L of water to 25 kg of SOLOPLAN-30.

With a minimum addition of water ie: less excess water in the mixture allows a uicker surface maturity to be achieved

Surface Preparation:

The surface to be leveled must comply with the principles of building construction and should fulfill the structural requirements. Any crack, pot holes joints etc should be properly sealed and cured. The surface to be treated should be free from all coatings dust and unsound concrete toppings and surface homogeneous mix, the properly mixed compound should be poured on to the surface and leveled by using of squeegees or broad brushes For layers less than or the same as 20 mm thick, concrete and cement screeds are to be primed with ASO-Universal Primer-GE, SOLOPAN-30 is applied as soon as the primer has dried. We recommend to allow the primer coat to completely dry out

(approx. 6 – 12 hours) as the absorption capacity

of the surface is minimised and the flow behaviour of SOLOPAN-30 is maintained. For layers 20 mm thick or higher, smooth worn surfaces have to be primed with ASODUR-GBM and sprinkled with excessive amounts of Quartz sand (grain size 0.5 – 1.0 mm). Prior to the application of SOLOPLAN-30, and after complete hardening (approx. 16 hrs), the surplus quartz sand can then beremoved

Quality Policy:

The information given in the date 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 it 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