

FloArm Soloplan 30

(Formerly known as MYK SOLOPLAN - 30)

Self leveling underlayment 3 to 30 mm



TECHNICAL DATA SHEET

Product Description

In any building projects smooth level floors are of utmost important. FloArm 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. FloArm 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 FloArm Soloplan 30 depressions, seams and surface defects are instantly eliminated after application.

Uses

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. FloArm Soloplan 30 is used for smoothening and leveling in layers.

Features and Benefits

- 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 3 to 30mm
- Low emission
- Thin bed application
- Chloride free non shrink

Application Method

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 AquaArm Uniprimer GE, FloArm Soloplan-30 is applied as soon as the primer has dried. We recommend to allow the primer coat to be completely dry out (approx. 6 - 12 hours) as the absorption capacity of the surface is minimized and the flow behavior of FloArm Soloplan-30 is maintained. For layers 20 mm thick or higher, smooth worn surfaces have to be primed with FloArm Primer 1260 and sprinkled with excessive amounts of Quartz sand (grain size 0.5 -1.0 mm). Prior to the application of FloArm Soloplan 30, and after complete hardening (approx.16 hrs), the surplus quartz sand can then be removed.

Mixing:

Add FloArm Soloplan 30 to the water not vice versa and mix vigorously to achieve homogeneous mix. For self-leveling and approximately 4.7 to 5.5 Ltrs of water per 25Kgs sack. Amount of water can be adjusted to get the consistency in plastic, fluid or trowel able grades.

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Placing of FloArm Soloplan 30 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 Ltrs of water for 25 Kgs of FloArm 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 FloArm Soloplan 30. For layers of 20 mm and higher, we recommend 4.7 - 5.1 L of water to 25 kg of FloArm Soloplan 30 with a minimum addition of water i.e. less excess water in the mixture allows a quicker surface maturity to be achieved.

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: 5 N/mm²

7 days: 15 N/mm²

28 days: 20 N/mm²

Flexural strength at 27 °C:

After 24 hrs : 1.9 N/mm²

7 days: 4.0 N/mm²

28 days: 5.5 N/mm²

Pot life at 23 °C: 20 Minutes

Mixed density: 2.05 Gm/cc

Consumption

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.

MYK arment

TECHNICAL DATA SHEET

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.