satex
Spezialist Für Bau Technik

Sate Plan10

Plastic modified floor self levelling to 10 mm

Properties

Sate Plan10 is a selflevelling, hydraulically setting and plastic modified floor compound for a layer thickness up to 10 mm. It has high adhesive. compressive and tensile strengths. layer thickness up to 10 mm. Open to pedestrian traffic after 2 - 4 hours. Low shrinkage and crack free. Bonding of the tiles and slabs after 6 hours, carpet and synthetic flooring materials after 24 - 48 hours.

Area of applications

Sate Plan10 is suitable as a self levelling underlayment for application to any unlevel mineral substrates indoors: floor screed concrete.

Product Data

Base	cement, silica sands synthetics, additives
Colour	grey
Bulk density of powder	app. 1.3 kg/dm^3
Density of the mixed mortar	app. 1.9 kg/dm^3
Consistency of the mixed mortar	flowing
Mixing ratio	25 kg = 1 bag of Sate Plan10 + 6-6.5 l water
Ripening time	2 minutes
Application temperature	+5°C through +30°C (air and substrate)
Application	pouring, broom, smoothing trowel, spiked roller Nr. 4003
Layer thickness	up to 10 mm
Time available for application	approx. 30 minutes at +20°C
Open to moderate pedestrian traffic	after 2 to 4 hours
Bonding of flooring materials insensitive to moisture (such as ceramic tiles) parquet, carpet after 24 to 48 hours and synthetic flooring materials	after 6 hours

Working instructions

Preparation of substrates
The substrate must be stable and free from dust, oil and grease. Holes deep mm are closed with Sate Plan10 mixed with 25 to 50% in weight of sand (0-2 mm grain size).

Concrete, screed and other absorbent substrates
Apply Satex TG diluted with water (1 vol. Satex TG and 3.2 vol. water). In case of very absorbent substrates, repeat the operation. After the primer has dried into a clear film (approx. 4 hours) the application of Sate Plan10 can begin.

Mixing
Add 25 kg of Sate Plan10 to 6-6.5 litres of water in a clean mixing container. The observance of the mixing ratios is absolutely required. Thoroughly mix with an electric drill for 3 minutes to obtain a free flowing and homogeneous mortar. Mix again at low speed after a ripening time of 2 minutes.

Application
After mixing, pour Sate Plan10 onto the prepared substrate and spread to the intended thickness of the layer.
A continuous application of the individual mixtures will prevent the formation of joints, which must be retouched with a spike roller or a smoothing trowel. Sate Plan10 is selflevelling when spreaded. Roll the coat with a spiked roller after spreading (important in case of porous substrates tending to the formation of air bubbles). The time available for application depending on temperature. 20 minutes at +20°C.

Repair works
If Sate Plan10 was applied in a too thin layer, apply the primer Satex TG P on the layer on the next day. After 4 hours apply Sate Plan10 up to the required thickness.

Protective coating
Sate Plan10 requires a protective coat after curing (2 to 3 days), whenever it will be directly used and at the same time in case of wet duty installations.

Consumption

Approx.1.9 kg powder per m^2 and mm.

Delivery and storage

Sate Plan10 is delivered in 25 kg bag
Can be stored dry and in original sealed packing for at least 12 months.

Notes

This data sheet is based on comprehensive experiences, intends to inform to the best knowlodge, is not legally binding and does not constitute a contractual legal relationship or a side obligation from the purchase agreement. We guarantee for the quality of our product under our terms and conditions of sale and purchase. In to reduce the risk of error, limiting information is also stated. We reserve the right to make changes representing technical progress. This data sheet supersedes all earlier technical data on this product.

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