

maxit ip 22 E

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Lightweight machine-applied plaster render

Product description

maxit ip 22 E is a machine-applied plaster render finish used for single-layer interior plaster finishes. It comprises plaster with a lightweight mineral-based admixture.

Field of application

As a smooth plaster on ceilings and walls in all interior applications, with the exception of wet rooms. However, it is suitable for use in domestic kitchens and bathrooms in accordance with DIN 18550.

Substrate

All types of masonry, cement and render substrates. Pretreat all heavily or readily absorbent substrates with maxit plaster flame-applied barrier layer. Pretreat cement and other smooth, slightly absorbent substrates with thick coating of maxit plaster adhesive barrier layer. Residual humidity in cement must be below 3 %. Embed reinforcement over all fragile substrates and material transition points and maintain a render thickness of at least 10 mm. The render substrate must be clean, dry and free of loose parts. Remove solvents which form films.

Application

With all standard mixer pumps, e.g. m 3, Duo mix, G 4, S 48. Basic plaster version: apply, scrape flat then sand down thoroughly after it has set. Smooth plaster version: run slurry sponge over sanded plaster and smooth down. For more stringent requirements, we recommend additional water smoothing.

Overlay

After drying, apply wallpapers and maxit paints in accordance with "Technical Guidelines for Painters & Decorators, worksheet 10" and thin-layer maxit topcoat plasters. If the intention is to lay heavy-duty flooring and tiles, use maxit ip 22 E as a basic plaster coating.

Observe

If in doubt about working with this material, its base layer or special construction features, please request advice. Do not add other materials. Maintain standard depths of render. In all other respects, the definitions of DIN 18550 shall apply.

Distribution

Paper sacks, each 30 kg on pallets of 35 sacks = 1050 tonnes. In special silos for the maxit transport and conveyance system, if so desired with the fitted SFA silo conveyor unit.

Safety instruction

Mortar reacts to water in a highly alkaline manner so you must protect your skin and eyes: flush thoroughly with water if the product comes into contact with your skin. If product gets into your eyes, seek immediate medical attention.

Product Specification

Material consumption	1 tonne of maxit ip 22 E yields approx. 1200 litres of fresh mortar; when applied to a depth of 10 mm, approx. 120 m ² . Consumption: approx. 8 kg dry mortar per m ³ These values refer to application on a completely smooth substrate layer.
Yield	Approx. 1200 l/t 1/1000 kg
Minimum thickness	In the middle 10mm mm
Use (External use)	No
Use (Internal use)	Yes
Water demand	Approx. 17 l per 30kg sack. 1/30 kg
Compressive strength (Class)	MG P IVa acc. to DIN 18550; B4 acc. to EN 13279-1
Strength (Exclay) (Strength)	>2.0 N/mm ² N/mm ²
Physical requirements (Fire class)	A1, non-flammable DIN 4102