HASIT
Natürlich besser bauen

TECHNICAL DATA SHEET

Fixit 223

Special Embedding Mortar

Areas of application

Fixit 223 is a mineral based levelling and reinforcement mortar for indoor and outdoor use. Particularly suitable substrates are Fixit 222 Aerogel High Performance Insulating Plaster and existing, mineral based render (as long as it is mechanically strong enough).

Properties

- Capillary active and water vapour permeable
- Economical, with high yield
- Fibre reinforced for high security
- ECO certified
- Use as intermediate layer below mineral-based final coat

Application procedure

Technical data

Item number	2000960169
EAN	4038502163585
Packaging	
Quantity per unit	25 kg/unit
Unit per pallet	40 unit/Pal.
Grain size	0-1,4 mm
Water consumption	approx. 8,75 L/unit
Tensile adhesive strength	≥ 0,08 N/mm²
Compressive strength	≥ 1,5 N/mm² (28 d)
Pressure resistance	≥ 1 N/mm² (28 d)
E-module	< 3 N/mm²
Application thickness min	5 mm

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Item number	2000960169
Layer thickness instructions	min. 5 mm
Specific heat capacity	approx. 1 kJ/kg K
Dry density	approx. 1250 kg/m^3
Processing time	60 min

Material base

- Fibers
- Water repellent medium
- Limestone sand
- Hydrated lime
- Light mineral aggregate
- Water retention agents
- White cement

Application procedure

For manual processing, apply the mixed material with the trowel or skim it on with the float.
When used as reinforcing plaster, embed HASIT white reinforcement fabric HDP. The reinforcement fabric should be embedded close to the surface but completely covered. In machine treatment spray using the standard plastering machine.
After applying even with a batten. After the beginning of hardening, roughen or smoothen the surface for subsequent coating using scraping tools.
After application the surface shall be smoothened via a lute. Make the surface rough for the next layer by using grit.
Fixit 223 can be mixed by hand or with a mechanical stirrer and is then applied in a 5 to 6 mm thick layer. The embedding of the reinforcing grid should be done with a notched trowel. A Fixit 222 substrate must be stabilized first using Fixit 493, followed by Fixit 223 applied with the coarse grid Fixit woven reinforcement grid embedded in it. The edges of the fabric mesh must overlap by at least 10 cm.

Post-application treatment

After lime-based plasterwork is applied indoors, rooms must be adequately ventilated. Before Fixit 223 has hardened, its surface should be roughened with a broom. The structure of the reinforcing grid should barely be visible. During bad weather measures should be taken to protect the newly applied reinforcement mortar (e.g. provide shade, keep moist, protect from driving rain etc.).

Storage

Store in a dry place on wooden battens. Storage life min. 12 months. Binding properties may be affected if stored for longer.

Certificates

baubook B

Label

MADE SWISS

General information

This technical information sheet replaces all previous versions of the information sheet for this product. The details in this technical information sheet were drawn up carefully and conscientiously based on the current state of knowledge and experience and refer to the usual purpose of use. The information is provided without any warranties regarding accuracy and completeness and any and all liability is excluded. It also does not establish any contractual legal relationship with or subsidiary obligation of Fixit AG. Customers and users are personally responsible

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for checking that the products are suitable for the intended purpose of use. The latest versions of our technical information sheets are available on our website or can be ordered from the competent branch.
All technical data listed in this product specification has been determined under laboratory conditions.
Do not use below +5 °C or above +30 °C (air or ground temperature). Fixit 223 is not suitable as an adhesive for laying ceramic wall tiles. Only mineral-based final renderings may be applied to Fixit 222 and Fixit 223.