

Fixit 223

Special Embedding Mortar

Areas of use:

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 - prevents mildew, fungal and algae attack
- Economic, with high coverage
- Fibre reinforced for high security
- ECO certified
- Use as intermediate layer below mineral-based final coat

Application procedure:



Technical data	
Item no.	2000140505
Packaging type	
Unit per pallet	30 unit/pal.
Quantity per unit	30 kg/unit
Water addition rate	10 - 11 l/bag
Consumption	1.25 kg/m²/mm
Yield	approx. 0.8 l/kg
Application time	approx. 30 min
Layer thickness	min. 5 mm
Dry density	1,250 kg/m³
Compressive strength (28 d)	≥ 1.5 N/mm²
Pressure resistance (28 d)	≥ 1 N/mm²
E-module	< 3 N/mm²

Composition:

- Binding agents: calcium hydroxide, white cement
- Aggregates: lime sand, light mineral aggregate
- Additives: water retaining agent, fibers, hydrophobic agent

Basics:

The general rules of building construction must be observed, in addition to the current notes published by the «Swiss Association of Painters and Plasterers SMGV», the recommendations SIA 242 «Rendering and Plastering» and the information in this technical data sheet.

Application procedure:

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:



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Further notes:	MADE SWISS
Important note:	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.
General provisions:	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 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.