

SUPERMIX®

Polymer-Based Bonding and Waterproofing Admixture

About the Product

SUPERMIX® is a modified copolymer dispersion-based admixture added to the mixing water of cement-based mortars, renders and screeds to increase adhesion, improve water impermeability and enhance workability.

Areas of Use

- All types of cement-based render mortars
- Cement-based repair mortars prepared for concrete and render repair
- All types of cement-based screeds
- Spatterdash coats applied on smooth, glossy concrete and aerated concrete surfaces before rendering or tiling
- Mortars prepared for laying natural stone, brick, fibre-reinforced concrete and similar panels

Advantages

- Provides high adhesion
- Increases mortar flexibility
- Improves water impermeability
- Reduces the risk of cracking
- Increases chemical and mechanical resistance
- Improves workability
- Reduces dusting and surface delamination

Technical Properties

General Information	
Material base	Modified copolymer dispersion
Appearance	White liquid
Density	~1.1 kg/L
pH	8.0 – 8.5
Solids content	40% (by weight)
Application Information	
Application temperature (ambient and substrate)	+5 °C / +30 °C
Safety Information	
Volatile organic compounds (VOC)	None
Hazardous substances	Refer to SDS

Mixing Ratios

SUPERMIX® is first diluted with the mixing water to prepare the liquid mix. The liquid mix is added to the pre-blended cement-sand dry mix and mixed with a mechanical mixer until a homogeneous mortar of trowelable consistency is obtained.

Application	Thickness	Dry mix Cement : Sand	Liquid mix SUPERMIX® : Water
Thin repair mortar	≤ 10 mm	1 : 3	1 : 4 (by volume)
Thick repair mortar	> 10 mm	1 : 3	1 : 5 (by volume)
Thin render mortar	≤ 10 mm	1 : 4 (sand 0–1 / 0–1.5 mm)	6 kg : 100 L
Thick render mortar	≤ 25 mm	1 : 5 (sand 0–3 mm)	5 kg : 100 L
Screed mortar	40 – 100 mm	1 : 4 (sand 0–5 mm)	5 kg : 100 L
Spatterdash coat	—	1 : 3 (sand 0–1.5 mm)	1 : 5 (by volume)

Surface Preparation

The substrate must be sound, clean and free of dust. Loose and friable particles, as well as residues that reduce adhesion such as oil and release agents, must be removed. Absorbent substrates should be lightly pre-wetted before application, without leaving standing water.

Rendering or tiling should begin only after the SUPERMIX®-modified spatterdash coat has dried, on the rough surface it forms.

Storage Conditions and Shelf Life

Store the product in its unopened original packaging in a cool, dry place, protected from frost and direct sunlight. Under proper storage conditions, shelf life is 12 months from the date of production.

Safety Precautions

Wear work clothing, gloves, goggles and a mask in accordance with occupational safety rules during application. Avoid contact of the product and freshly prepared mortar with skin and eyes. In case of contact, wash with plenty of soap and water; if swallowed, seek medical advice immediately. Do not bring food products into application areas. Keep out of the reach of children. For further information, refer to the Safety Data Sheet (SDS).

Liability

Our company is responsible only for the quality of the product. Our company accepts no responsibility for incorrect applications outside our written recommendations on where and how the product is to be used. For more detailed information, you may request the product catalogue or contact our representatives.

Packaging

- 10 kg and 20 kg plastic jerrycans
- IBC container

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