

Technical Data Sheet

CorroFix RM (Repair Mortar)

Fibre-reinforced concrete repair mortar



Features and benefits

- dry mortar
- in accordance with DIN EN 998-2
- no sagging up to 100 mm thickness per application
- water-resistant
- fibre-reinforced
- fast-setting
- high load-bearing capacity
- high bond strength to the substrate
- salt-resistant
- good resistance to acids and alkalis
- sulphate-resistant

Description

CorroFix RM is a cement-based, shrinkage-free, fast-setting, fibre-reinforced and slightly swelling repair mortar based on special cements, additives and aggregates, in accordance with DIN EN 998-2, mortar class M30. CorroFix RM adheres and bonds well to nearly all absorbent mineral surfaces and is resistant to water, frost and salt.

Field of application

This repair mortar is used for renovation and sealing against pressurised and capillary water. It is suitable for general concrete repairs up to 100 mm thick and for applications requiring a fire-resistant mortar.



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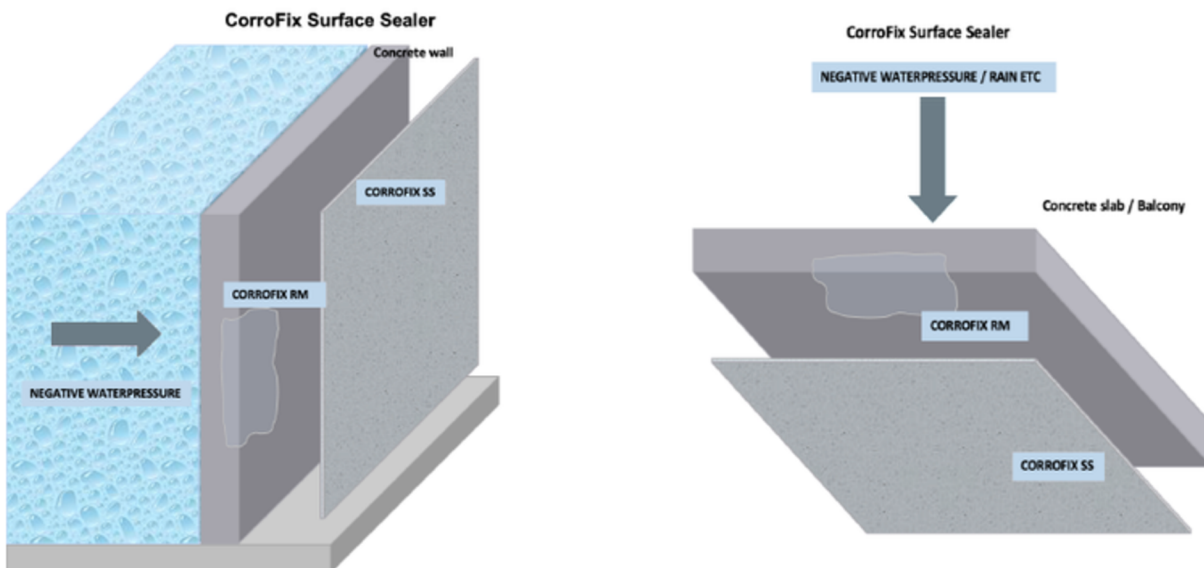
TECHNICAL DATA	SPECIFICATIONS	TEST METHOD
COLOUR	CEMENT GREY	
CONSISTENCY	POWDER + AGGREGATES	
DENSITY	1.8 G/CM ³	
MIXING WATER REQUIREMENT	4 L PER 25KG	
COMPRESSIVE STRENGTH	1 DAY: APPROX. 13 N/MM ² 7 DAYS: APPROX. 42 N/MM ² 28 DAYS: APPROX. 47 N/MM ²	EN 12390-3:2019
FLEXURAL STRENGTH	> 6 N/MM ²	EN 196-1:2016
FIRE CLASS	CLASS A1	EN 13501-1
PROCESSING TEMPERATURE	5°C TO 30°C	
CONSUMPTION	1.7 KG/L	
DELIVERY	25 KG UNIT	
STORAGE	6 MONTHS – STORE FROST-FREE AND DRY AT +5°C TO +25°C IN THE ORIGINAL PACKAGING	

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Surface preparation

The surface must be solid, stable and clean. Loose material, release agents, formwork oil and grease must be removed prior to the application of CorroFix RM. The surface must be damp or pre-wetted if necessary. Standing water must be avoided.

CorroFix RM is mixed with water (4 L per 25 kg unit) to form a homogeneous, lump-free material. The amount of water can be adjusted slightly as required. Place the mortar in a clean bucket and add the water gradually while mixing until a thixotropic consistency is achieved. The minimum mixing time is 3 minutes.



APPLICATION DATA	
WATER REQUIREMENT	160 ML/KG
RECOMMENDED THICKNESS	< 100 MM
CONSUMPTION	1.4 KG/MM THICKNESS
APPLICABLE	1 HOUR AT 20°C
LOADABLE	AFTER 3 DAYS
LOAD WITH PRESS. WATER	AFTER 7 DAYS

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 07200	
EN 998-1:2016	
Plaster Mortar (general purpose)	
Reaction to fire	A1
Water absorption	> 0,1 kg/m ² after 24h
Water vapour permeability μ	< 25
Adhesive bond	> 0,08 N/mm ² in fractured pattern B

All technical data stated in this Technical Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. The information and, in particular, the recommendations relating to the application and end-use of CorrPRE's products, are given in good faith based on CorrPRE's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with CorrPRE's recommendations.

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Approved by: R. Giorgini