

Technical Datasheet

FIX-RAPID

Fast-setting cement for anchoring

Description

FIX-RAPID is a fast-setting cement showing a hardening reaction that starts immediately after the addition of water.

Fields of application

FIX-RAPID is used for quick repair, fixing, anchoring, patching of cavities or holes, etc. and generally wherever high strength and fast application is necessary. FIX-RAPID may be applied on floors, walls or ceilings in interior and exterior applications.

Technical data

Form:	cementitious powder
Color:	grey
Water demand:	30% by weight of FIX-RAPID
Bulk density of dry mortar:	1.2 ± 0.1 kg/l
Chloride ion content:	0.00%
Compressive strength	
24 hours:	> 30.0 N/mm ²
28 days:	> 40.0 N/mm ²
Flexural strength:	> 6.0 N/mm ²
Pot life:	1.5-2 min at +20°C
Initial setting:	2 min
Final setting:	3 min

Directions for use

1. Preparation of substrate

The substrate must be clean, free of dust, oil, loose materials etc. and should be thoroughly dampened, before the application of FIX-RAPID.

2. Application

FIX-RAPID is gradually added to water under continuous stirring, until a viscous, no-slump putty is formed suitable for patching or fixing works. Mixing time should not exceed 1 min. It is recommended to mix a small quantity every time because of the short working time.

Consumption

Approx. 1.6 kg FIX-RAPID are required to prepare 1 l of hardened mixture.

Packaging

4 kg.

Shelf life – Storage

12 months from production date if stored in original, unopened packaging, in places protected from moisture and frost.

Remarks

- The temperature during application should be at least +5°C.
- Metallic surface that will be in contact with FIX-RAPID should be protected with a suitable anticorrosive coating.
- In cases of extensive work or applications requiring increased thickness, FIX-RAPID may be mixed with 1-3 parts by volume of sand, before the addition of water. In this case there will be a slight increase of setting time. Also, setting time may be extended as desired with the addition of ordinary cement.
- During application the use of rubber gloves is recommended.
- Material that has started to set must not be softened again with water.
- Tools should be cleaned with water, immediately after use.
- The product contains cement, which reacts as alkaline with water and is classified as irritant.
- Consult the safety instructions written on the packaging before use.

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