

CEMART RAPID REPAIR MORTAR

Rapid Hardening Cementitious Repair Mortar

Description

CEMART RAPID REPAIR MORTAR is a pre-packed single component cementitious repair mortar suitable for :

- Making good internal floors – large area repairs up to 10mm.
- Repairing stair treads and risers.
- Filling cracks, bolt holes etc. and small repairs up to 50mm depth.

For larger repairs use CEMART RAPID REPAIR CONCRETE.

CEMART RAPID REPAIR MORTAR can be feather-edged, cures quickly and will take foot traffic within 30 minutes at 20°C and at the same temperature can be painted within 1.5 hours. It can be applied to rigid sound surfaces such as sand/cement screeds, concrete bases, asphalt, granolithic, terrazzo, ceramic and quarry tiles, epoxy and polyurethane coatings.

Technical Information

Working time at 20°C	10 - 15 minutes
Walk-on hardness at 20°C	20 - 30 minutes
Overcoat time	1.5 hours
Compressive strength (N/mm ²)	> 30 (28 days)
Flexural strength / (N/mm ²)	>7 (7 days)
Application thickness	2 - 50 mm

Preparation

Sub-floors must be sound and free from dust, plaster, grease, oil and any other contaminants that may prevent adhesion. Use CEMART SOLVENT for removing grease, oil, polish, soap etc from the sub-floor. Concrete bases and sand/cement screeds must be fully cured and any laitance, surface hardeners or curing membranes must be removed from them. The temperature of the sub-floor must be maintained above 5°C throughout the application and drying of the CEMART RAPID REPAIR MORTAR. Under-floor heating must be off for at least 48 hours before and after installation.

Priming

Absorbent surfaces should be dampened with clean water. Very absorbent surfaces must be primed with dilute NEOPRENE PRIMER. Non absorbent surfaces must be primed with neat NEOPRENE PRIMER. The primer must be allowed to dry before applying the repair mortar.

Mixing

Mix only a quantity that can be applied before the product thickens (approximately 15 minutes at 20°C). If a mix thickens before it has all been applied it should be discarded. Extra water should not be added. Mix in the proportions 25 kg of powder to 4.5 - 4.75 litres of water. Pour the water into a suitable sized bucket then gradually add the powder while stirring until a smooth lump free consistency is achieved. Mixing is best done with a power whisk fitted in an electric drill. If this is not possible, the use of a hand whisk is acceptable.

Application

For best results over large areas a minimum thickness of 2 mm should be maintained. Trowel the mix onto the sub-floor and spread to the required thickness with a steel trowel. The finish of the mortar can be improved by using a wet smoothing trowel after 15 –20 minutes.

Cure Rate

The initial set time of CEMART RAPID REPAIR MORTAR is approximately 20 minutes and it should be hard enough to walk on in approx 1 hour under good conditions. Low temperatures will extend this time.

Drying will continue for some time after the repair mortar has set. The time taken depends on the absorbency of the subfloor. Humidity etc and the thickness of the mortar applied.

Cleaning

Tools should be washed with water immediately after use.

Precautions

Do not place when the substrate temperature is below 5°C or when the ambient temperature is 10°C and falling. Protect from frost. Do not exceed the maximum recommended water addition and only use clean potable water.

Packaging

CEMART RAPID REPAIR MORTAR is supplied in 25 kg sacks.

Storage

Store under cover, in unopened bags clear of the ground in cool dry conditions, protected from frost and excessive draught.

Shelf Life

6 months in an unopened sack.

General Guidance

This Data Sheet is for general guidance purposes only and may contain information that is inappropriate for certain conditions of use. Accordingly, all recommendations and suggestions are made without guarantee. Further information is available from our Technical Department. Please consult our Sales Department to confirm that this Data Sheet is the current issue.