



FASTFLOOR MORTAR

DESCRIPTION

Fastfloor Mortar is a prepacked cementitious mortar, specifically formulated for the quick and reliable repair of damaged concrete pavements and industrial floors. The specially selected cements and hard wearing aggregates contained in Fastfloor Mortar allows the application of large areas with exceptional adhesion to concrete and masonry materials with negligible shrinkage.

ADVANTAGES

- ❖ Good adhesion
- ❖ High strength
- ❖ Easy application
- ❖ Durable

APPLICATION INSTRUCTIONS

Typical Properties

Set times @20°C

Initial	125 minutes
Final	230 minutes

Compressive Strength

1 day	30 MPa
7 days	50 MPa
28 days	55 MPa

Trafficking Time

Pedestrian	24 Hours
Light Vehicle	48 Hours

PREPARATION

All contacted surfaces must be free of oil, Grease or other contamination which may inhibit bond. .

Any cracked or weakened concrete should be removed prior to being repaired to provide a solid foundation. Scabbling or water blasting should be used to remove laitance and provide a mechanical key.

Priming

Reinforcing steel. Apply 1 full coat zinc based metal primer to all exposed reinforcing steel and allow to dry. If any doubts exist about having an unbroken coating a second application should be undertaken. Priming Concrete. Renderprime is essential to ensure good adhesion and optimum build. Where the substrate is very porous, predampening with water may be required. Free water on the surface will reduce the bond and ultimate strength.

Mixing

Fastfloor Mortar is suitable for mixing using a drill and suitable paddle or by hand where only a small quantity is required. Use 1.6 – 1.8 litres of water per bag of Fastfloor Mortar to achieve a smooth, soft mortar consistency. Excess water will reduce the final strength and make application of the screed more difficult. Always add the powder to the water while mixing slowly to avoid lumps. Only mix that quantity of material that can be used within the setting time. Do not attempt to rework or retemper any partially set product.

Application

Apply the mixed Fastfloor Mortar to the substrate using a trowel to give the required finished thickness. The maximum thickness applied in any application should be limited to 50mm. Feather edging should be avoided in patch repairs by saw cutting the edge of repairs to a depth of 10mm.

FASTFLOOR MORTAR Cont.

CURING

The application of a thin coat of Renderprime as a curing membrane will reduce premature drying in repairs. Where repairs are subject to direct sun or strong winds, the use of a curing membrane is recommended.

CLEAN UP

Clean all equipment with water immediately after use.

ESTIMATING

Packaging

Fastfloor Mortar is supplied in 20 kg bags. Renderprime is supplied in 5 and 20 litre containers.

Estimating Data

A 20 kg bag of Fastfloor Mortar will cover approximately 1 square metre at an average thickness of 10mm.

Renderprime is used at 5 to 7 square metres per litre. A scabbled surface will reduce the area covered by the primer and topping.

STORAGE

Fastfloor Mortar is a cement based product which must be stored in a dry area off the ground.

PRECAUTIONS

Where temperatures less than 5°C or greater than 35°C are encountered, contact our Technical Staff for specific advice.

Fastfloor Mortar is non toxic, but it is alkaline in nature. Any contact with eyes or skin should be washed off with clean water.

Protective gloves and clothing should be worn.