Adopatch Rapid Repair

Technical Specifications

Rapid Set / Low Shrink Repair Compound

Adopatch Rapid Repair is a pre-packed single component cementitious repair mortar suitable for repairing and making good internal floors, stairs, and steps and for general repairs to cracks and holes.

Advantages

- Fast setting with high early strength development which facilitates quick return to service
- Easy apply , single component , require only addition of water.
- Exhibits good mechanical properties
- Suitable for vertical applications, no cracks or sagging
- durable
- Cost effective
- Complies with the requirements of BS EN 13813,Class CT-C35-F4

Application

Adopatch Rapid Repair Mortar can be applied to rigid sound surfaces– sand/cement screed of concrete bases, asphalt, granolithic, terrazzo, ceramic and quarry tiles, epoxy and polyurethane coatings.

Method of Use

SUBSTRATE PREPARATION

It is not usually necessary to primer absorbent surfaces. However, to ensure satisfactory bonding the prepared surface should be dampened down to mini-mise suction. Ensure that the surface is in a saturated surface dry condition prior to application of Adopatch Raid repair Mortar, i.e. no visible surface water.

PRIMING

Absorbent surfaces should be dampened with clean water, Very absorbent surfaced must be primed with dilute Neoprene Primer.

Non absorbent surfaces must be primed with neat Neoprene Primer. The primer should be used in accordance with the instructions printed on the product data sheet and must be allowed to dry before applying the repair mortar.

MIXING

To ensure proper mixing, a mechanically powered mixer or drill fitted with suitable paddle should be used. 4.6—5.5 litres of clean water should be added to clean container.

The powder is then added slowly to the water while mixing continuously with low speed mixer/drill (400-600 rpm). Mixing should be continued for 3 minutes until a uniform smooth, slump-free consistency is obtained . Only mi enough mortar that can be applied before the product begins to set (approx 10-15 minutes).

Adopatch Rapid Repair Mortar can be applied up to a thickness of 20mm. For increased economy, the mortar can be bulked out by adding up to an equal volume of graded aggregate, small localised repairs over 20mm, but not exceeding 50mm, should be bulked out with an equal weight of graded aggregate.

The working time will be extended at low temperatures and reduced at higher temperatures.

PLACING AND FINISHING

For best results over large areas, apply the mortar with a steel trowel at a thickness of 2-3mm. To produce a smooth repair surface ready to receive floor coverings , finish with a wet smoothing trowel before the mortar has fully set, i.e. 15-20 minutes,.

To ensure a level surface when filing holes and cracks, trowel the mortar into the area and apply pressure to ensure the mortar covers the repair surface.

Fill the repair leaving the mortar proud of the surrounding area, then float or grind to the required level after approximately 20 minutes. Overcoating can commence after approximately 1½ hours at 20°C @ 2 mm.

CLEANING

All tools should be cleaned immediately after use with fresh clean water. Hardened materials should be cleaned mechanically.

THCIKNESS AND SIZE LIMITATIONS

Unfilled Adopatch Rapid Repair Mortar can be applied at a thickness between 2-20mm
Filled Adopatch Rapid Repair Mortar can be applied at thickness between 20-50mm.

adomast.co.uk T + 44 (0)1226 707863 F + 44 (0)1226 718051 E info@adomast.co.uk **Adomast Manufacturing Ltd,** Barkston Road, Carlton Industrial Estate, Barnsley S71 3HU

Coverage

Approximately 13.2 litre per 22 kg bag

Storage

Adopatch Rapid Repair should be stored at temperatures between 2°C and 50°C

Shelf Life

Adopatch Rapid Repair Mortar has a shelf life of 12 months from the date of manufacture.

Health and Safety

Since Adopatch Rapid Repair Mortar contains Portland cement and sand Adopatch Rapid Repair Mortar may cause irritation to skin or eyes .

In case of accidental contact with eyes, immediately flush with plenty of water for at least 10 minutes and seek medical advice.

For further information refer to the Material Safety Data sheet.

Adopatch Rapid Repair Mortar is non-flammable.

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