

Description

Centrecoat Fastpatch is a high strength, trowel applied, two component epoxy resin mortar, designed for rapid and permanent repairs to concrete and masonry surfaces.

Centrecoat Fastpatch is a blend of epoxy resin, polyamine curing agent, graded aggregate and colour pigments. The mixed material is applied to a suitably prepared surface, and quickly cures to form a durable, abrasion and chemical resistant repair.

Centrecoat Fastpatch is ideal for repairs to spalled or damaged concrete; chemical bunds; bedding pre-cast concrete beams; nosings on expansion joints; floor repairs.

Features

- ▶ Pre-packed units – ready to use
- ▶ Fast curing characteristics
- ▶ Impact and abrasion resistant
- ▶ Frost resistant and impervious to water
- ▶ Excellent mechanical properties
- ▶ Unaffected by a wide range of acids, and industrial chemicals
- ▶ Negligible shrinkage
- ▶ High bond strength – no primer required
- ▶ Cures under damp, cool conditions

Colour

Available in Light Grey. Tintable upon request.

Preparation

Remove all laitance, spalled concrete, grease, oil, dust, and other contaminants by scabbling or bush hammering, to provide a sound, clean, substrate. Any exposed reinforcing steel shall be fully exposed by cutting out around its full circumference, and cleaned by abrading or grit blasting to remove rust, scale, etc.

Priming

Primer not normally required. For exceptionally porous surfaces, please contact our Technical Department for specific advice.

Mixing

Centrecoat Fastpatch is supplied as a two component pack. Each component is pre-weighed and ready to mix. The contents of the CURING AGENT should be added into that containing the BASE and the two components thoroughly mixed, by spatula or low speed drill/stirrer, or forced action mixer.

Application

Apply the Centrecoat Fastpatch by tamping and trowelling to ensure good compaction and a tight finish. The material should not be feather edged. Maximum thickness in horizontal applications is 50mm. For vertical applications the material may be built up in layers not exceeding 6mm.

It is preferable to apply a sealer coat if exposure to chemicals is likely.

Technical Data

- ▶ Density: 2000 Kg per m³
 - ▶ Pot Life: 40 minutes at 20°C
 - ▶ Adhesion to Concrete: 3.9 MPa (concrete failure)
 - ▶ Compressive Strength: 76MPa
 - ▶ Taber Abrasion Resistance: 40mg weight loss (CS17 wheels, 1 Kg loads, 1000 cycles)
 - ▶ Maximum Service Temperature: 70°C continuous
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- ▶ Full Traffic Ready: 5 - 6 hours at 15 - 20°C
 - ▶ Fully Cured: 3 days at 20°C

Coverage Rate

A 5kg pack of Centrecoat Fastpatch yields 2.5 litres of material, sufficient for 0.5m² at 5mm thickness. (10kg pack pro-rata).

Clean Up

Clean equipment with [Centrecoat MMA Tool Cleaner](#) prior to curing of the mortar.

Storage

Store in dry conditions at temperatures between 10°C and 25°C. Avoid low temperature storage prior to use of the material. Do not expose to freezing conditions.

Shelf Life

Centrecoat Fastpatch has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.

Packaging

Available in 5 and 10 Kg

Limitations

Do not apply to wet or uncured concrete surfaces. Do not apply at temperatures of 3°C or less.