

Description

Centrecoat MMA Pourable Repair Mortar is a fast curing, high strength, two component Methacrylate Resin mortar, designed for rapid and permanent repairs to concrete surfaces that may be subjected to heavy loading in service.

Centrecoat MMA Pourable Repair Mortar is suitable to provide repairs to spalled or damaged concrete; bedding pre-cast concrete beams; chemical bunds; floor repairs.

Features

- ▶ High Strength
- ▶ Very good chemical resistance
- ▶ Excellent adhesion to primed concrete
- ▶ Fast curing, even at low temperatures
- ▶ Impact and abrasion resistant
- ▶ Frost resistant and impervious to water
- ▶ Excellent mechanical properties

Colour

Available in Light Grey.

Preparation

Remove all laitance, spalled concrete, grease, oil, dust, and other contaminants by scabbling, bush hammering, or other mechanical treatment, to provide a sound clean substrate. Any exposed reinforcing steel shall be fully exposed by cutting out around its full circumference, and cleaned by hand abrading or wire brushing to remove rust, scale, etc., and primed with a coat of [Centrecoat MMA Multi Use Primer](#).

Priming

The prepared concrete surface, together with the pre-primed re-bars, shall be primed by the application of [Centrecoat MMA Multi Use Primer](#). The mixed [Centrecoat MMA Multi Use Primer](#) should be applied by brush or roller at a nominal rate of 0.2 – 0.3kg/m², depending upon surface profile. Allow the primer to cure for a minimum of 40 minutes.

Mixing

Centrecoat MMA Pourable Repair Mortar is supplied as a two component product consisting of the BASE component, and the FILLER / CATALYST component. The contents of the BASE and FILLER / CATALYST component should be thoroughly mixed together for 1-2 minutes, until a uniform consistency is achieved. Mix using a low speed drill stirrer or a forced action mixer such as a Mixall, Pennine or Creteangle type.

Application

Centrecoat MMA Pourable Repair Mortar shall be poured onto the primed floor and trowel finished. The material should not be feather edged. Minimum application thickness is 5mm. The cured product requires priming with Centrecoat MMA Primer prior to the application of any other Centrecoat MMA system.

NOTE: The product may be bulked out with 2-6mm quartz gravel for sections in excess of 15mm.

Technical Data

Density: 2,010 Kg/m³

Pot Life: 15 - 20 minutes at 20°C
Compressive Strength: 75MPa
Temperature Range During Application: -30°C to 40°C
Temperature Range During Service: -40°C to 50°C
Chemical resistance: Excellent resistance to dilute acids and alkalis, oil, petrol, and diesel

Foot Traffic Ready: 1 hour at 20C
Fully Traffikable: 2 hours at 20C

Coverage Rate

A 17kg pack yields 8.5 litres of mortar, sufficient for 0.85m² @ 10mm thickness.

Clean Up

Clean equipment with [Centrecoat MMA Tool Cleaner](#) immediately after use.

Storage

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 20°C. Adequate ventilation of the storage area should be provided. Keep containers tightly closed when not in use.

Shelf Life

Centrecoat MMA Pourable Repair Mortar has a minimum shelf life of 6 months when stored in original, unopened containers in accordance with manufacturer's instructions.

Packaging

Available in 17 Kg

Limitations

Do not apply to wet, uncured or unprimed concrete surfaces. Centrecoat MMA Pourable Repair Mortar will taint food during application, so that all foodstuffs in the immediate vicinity must be removed or properly covered.

Health & Safety

Centrecoat MMA Pourable Repair Mortar is flammable during application, so that adequate safety precautions should be observed. Avoid contact of the material with skin and eyes. Wear gloves and goggles. Wash off splashes immediately with soap and water. Any eye contamination must be rapidly irrigated with copious amounts of clean water, and immediate medical attention sought. Please refer to Material Safety Data Sheet for additional information.

Centrecoat MMA Pourable Repair Mortar shall be applied strictly in accordance with the manufacturer's instructions. For specific advice regarding any aspect of this product, please consult our Technical Department.