

Description

Centrecoat MMA Repair Mortar is a fast curing, high strength, trowel applied, three component Methacrylate Resin mortar. Designed for rapid and permanent repairs to concrete and masonry surfaces.

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

Features

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

Colour

Available in Light Grey. Other colours available upon request.

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 Repair Mortar is supplied as a three component product consisting of the BASE component, the CATALYST component and the AGGREGATE component. The contents of the BASE and CATALYST component should be thoroughly mixed together and the AGGREGATE then introduced. A low speed drill stirrer or a forced action mixer such as a Mixall, Pennine or Creteangle type, will be suitable.

Application

Centrecoat MMA Repair Mortar should be applied by tamping and trowelling to ensure good compaction and a tight finish. The material should not be feather edged. Minimum application thickness is 4mm.

Technical Data

- ▶ Density: 2,0.0 Kg/m³
- ▶ Pot Life: 20 minutes at 20°C
- ▶ Compressive Strength: 45MPa
- ▶ Taber Abrasion Resistance: 45mg weight loss (CS17 wheels, 1 Kg loads, 1000 cycles)

- ▶ Adhesion to Concrete: 3.7MPa (concrete failure)
- ▶ Temperature Range During Application: -10°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 20°C
- ▶ Full Traffic Ready: 2 hours at 20°C

Coverage Rate

A 10kg pack yields 5 litres of mortar, sufficient for 1m² at 5mm 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 container tightly closed when not in use.

Shelf Life

Centrecoat MMA 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 10 Kg

Limitations

Do not apply to wet, uncured or unprimed concrete surfaces. Centrecoat MMA 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 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 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.