

Description

Centrecoat MMA FG Colour Coat is a two pack, fast curing, low temperature coating designed to provide a dust-free, seamless floor finish with protective and decorative properties. The inherent slip resistance of the coating may be enhanced by the incorporation of a suitable anti-slip dressing aggregate. Centrecoat MMA FG Colour Coat allows curing down to -20°C.

Suitable as an abrasion and chemical resistant floor coating.

Features

- ▶ Tough and abrasion resistant
- ▶ Colour Stable
- ▶ Very good chemical resistance
- ▶ Rapid curing minimises down times
- ▶ Suitable in wet areas
- ▶ Hygienic and easily cleaned
- ▶ Cures at low temperatures
- ▶ Hot water and fat resistant to 80°C

Colour

Available in Grey and Red. Tintable to BS4800 and RAL colours on request.

Preparation

Concrete surfaces shall be a minimum of 21 days old and/or the residual moisture content shall be below 6%. Ensure that the concrete is clean and free from dust, laitance, grease, oil, curing compound, and existing paint finishes, etc. Blow holes and defective concrete shall be made good using a proprietary repair compound e.g. [Centrecoat MMA FG Pourable Repair Mortar](#). Suitable mechanical treatment, such as vacuum grit blasting, is the preferred treatment prior to application as this ensures a mechanical 'key' which will optimise adhesion.

Steel surfaces shall be shot blasted or grit blasted to a nominal Sa 2.5 Swedish Standard. All dust shall be removed prior to coating application. A coat of [Centrecoat MMA FG Primer](#) may be required. Check data sheet.

Priming

Concrete surfaces shall be primed with a coat of [Centrecoat MMA FG Primer](#). Allow primer to cure.

Mixing

Centrecoat MMA FG Colour Coat is supplied as a two pack material consisting of the BASE component, and the CATALYST component,. Incorporate the CATALYST component into the BASE component under mechanical stirring, and mix for 1-2 minutes.

Application

Apply Centrecoat MMA FG Colour Coat using short nap perlon, or smooth lambswool rollers at a nominal rate of 0.30kg/m². Following a minimum of 1 hour apply a second coat at the same nominal rate. Should a slip resistant or skid resistant finish be required then broadcast an appropriate aggregate onto the first coat within 10 minutes of application. Following a minimum of 1 hour, sweep off excess aggregate and apply a second coat of Centrecoat MMA FG Colour Coat.

NOTE: Centrecoat MMA FG Colour Coat may be applied at greater thicknesses should service conditions warrant it.

Technical Data

- ▶ Pot Life: 15-20 minutes at 20°C, 25 - 30 minutes at 10°C
 - ▶ Tensile Strength: 20N/mm²
 - ▶ Elongation at Break: 2%
 - ▶ Flexural Strength: 37N/mm²
 - ▶ Adhesion to Concrete: 3.8N/mm² (concrete failure)
 - ▶ Adhesive Strength to Grit Blasted Steel: 12N/mm²
 - ▶ Temperature Range During Application: -20°C to 40°C
 - ▶ Temperature Range During Service: -20°C to 80°C
 - ▶ Chemical resistance: Excellent resistance to dilute acids and alkalis, oil, petrol, diesel, vegetable oils, and fruit juices.
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- ▶ Light Foot Traffic: 1 hour at 20°C
 - ▶ Vehicle Traffic: 2 hours at 20°C
 - ▶ Full Chemical Resistance: 24 hours at 20°C

Coverage Rate

A 5 Kg pack is sufficient to cover an area of 8.3m² with the recommended two coat treatment, providing a minimum thickness of 500 microns.

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 FG Colour Coat has a minimum shelf life of 6 months when stored in original, unopened containers in accordance with manufacturer's instructions.

Packaging

Available in 5 Kg

Limitations

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