

Description

Centrecoat MMA FG Deck Coat is a three pack Methacrylate resin system, modified to impart toughness, resilience and waterproofing properties to the cured membrane. The abrasion and impact resistance, together with the low temperature flexibility and excellent adhesion to concrete and steel make this product ideal material for uses as a membrane subjected to vehicular traffic. By broadcasting a layer of suitable aggregate, a slip resistant surface profile may readily be achieved.

Freezer Grade suitable for use in cold rooms. Centrecoat MMA FG Deck Coat is formulated as a slip resistant membrane for car park decks, walkways, and areas subjected to heavy fork lift traffic. As a skid resistant finish on ramps, heavily trafficked turning areas, ships decks, landing piers, etc.

Features

- ▶ Ultra fast curing characteristics
- ▶ Tough resilient, and highly durable
- ▶ Range of slip and skid resistant finishes
- ▶ Resistant to oil, petrol, diesel and many industrial chemicals
- ▶ Flexible and abrasion resistant
- ▶ Colour options to allow easy differentiation of specific areas e.g. walkways and parking bays in different colours
- ▶ Low temperature cure
- ▶ Suitable for indoor and outdoor surfaces

Colour

Available in Grey and Black. Tintable to BS4800 and RAL colours upon 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 and to provide a medium blast profile. All dust shall be removed prior to coating application. A coat of [Centrecoat MMA Steel Primer](#) shall be applied as soon as practicable after blasting, in order to obviate the possible occurrence of 'flash rusting'.

Priming

Concrete surfaces shall be primed with a coat of [Centrecoat MMA FG Primer](#), applied by brush, or roller. Long nap lambswool rollers are recommended for primer application. Allow primer to cure as per datasheet.

Steel surfaces shall be primed with [Centrecoat MMA Steel Primer](#). Check temperatures with our technical team.

Mixing

Centrecoat MMA FG Deck Coat is supplied as a three pack material consisting of the BASE component, and the CATALYST component and the FILLER component,. Add the CATALYST component to the BASE component and mix thoroughly, preferably by mechanical means for a minimum of 2 minutes. Pour the contents into a mixing vessel and add the FILLER component whilst stirring. A low speed drill with paddle attachment may be used or else a forced action mixer e.g. Creteangle type.

Application

Pour the mixed material onto the prepared and pre-primed surface and apply by serrated trowel to the desired thickness. De-aerate the material by spike rolling. Within 5 minutes, broadcast the appropriate aggregate at a nominal rate of 6kg – 15kg/m². When cured, sweep off excess aggregate.

Sealing

The application of a clear sealer coat is recommended to reduce tendency towards staining and dirt pick up, and thereby ensure optimum ease of cleaning where required. Apply a roller coat of [Centrecoat MMA FG Clear Sealer](#) or [Centrecoat MMA FG Colour Coat](#) as per datasheet. A second coat maybe necessary where large Aggregate has been used as scatter.

Technical Data

- ▶ Pot Life: 25 minutes at 20°C
 - ▶ Thickness: Minimum 3mm to maximum 8mm
 - ▶ Tensile Strength: 6 MPa at 20°C
 - ▶ Elongation at Break: 180% at 20°C
 - ▶ Temperature Range During Application: -30°C to 40°C
 - ▶ Temperature Range During Service: -40°C to 60°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
 - ▶ Full Chemical Resistance: 24 hours at 20°C

Coverage Rate

A 20kg pack is sufficient to cover an area of 2.8m² at a thickness of 4mm.

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

Packaging

Available in 20 Kg

Limitations

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