

Corrofloor MMA Topcoat

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Product Features

Corrofloor MMA Topcoat is a methyl methacrylate topcoat resin for use within the Corrofloor MMA floor systems. **Corrofloor MMA Topcoat** is a solvent free, two component, 100% reactive resin that is ideal for sealing MMA roller applied coatings and decorative flake or quartz flooring systems. **Corrofloor MMA Topcoat** has superior UV resistance, making it an excellent resin for use in exterior or interior applications resulting in a durable, non chalking surface.

Typical Uses

Used as a Topcoat within the following **Corrofloor MMA systems**:

- Colour flake, colour quartz and pigmented Corrofloor systems.
- Self-levelling systems and roll coat systems.

Typical uses:

- Kitchens
- Hotels
- Schools
- Food and beverage factories
- Hospitals
- Industrial units
- Car parks
- Stadiums

Every **Corrofloor MMA system** is a multiple component system that utilizes a methyl methacrylate (MMA) resin. It is critical that the instructions listed in the material safety data sheet and on the product label for every component of the system be read, understood and followed. Suitable safe ventilation must be used during the application to minimize vapour collection in the installation area and to improve overall air quality for the installers. All foodstuffs must be removed during installation of the flooring system.

Technical Data		
Properties	Test Standards	Typical Values
Appearance		: Clear with bluish tint
Components		: Resin plus Corrofloor MMA Powder Hardener
Recommended thickness		: 100 - 300 microns
Coats		: One or two coats
VOC		: None
Primer		: Corrofloor MMA Primer
Method		: Brush, Roller or Squeegee

Temperature resistance *		: - 30°C to +85°C
Percentage of reactive resin		: 100%
Water absorption (%24 hours)	ASTM D570	: <0.1%
Tensile strength	ASTM D638	: 7 N/mm ²
Elongation at break	ASTM D638	: 34%
Hardness (Shore D)	ASTM D257	: 70
Viscosity	ASTM D2392	: 220-300 cps
Compressive strength		: 41 - 55 N/mm ²

* Suitable for high temperature water washing for short periods above 85°C
Note: All values given are subject to 5 - 10% tolerance.

Directions for Use

Mixing

Mix the required MMA resin with the powder hardener supplied. The ratio is dependent on temperature. Please ask the CCC Technical Department for advice or obtain the mixing charts. Only mix enough resin and hardener that can be applied in the timeframe before cure of the product.

BPO hardener quantities for Corrofloor MMA Topcoat			
Temperature [°C]	Hardener [w/w %]	Pot life [min]	Curing time [min]
+5	1.5	65-75	appr. 80
+10	1.5	30-35	appr. 45
+20	1.0	15-18	appr. 32
>30	1.0	14-17	appr. 21

Application

Prior to application of the topcoat ensure all loose quartz or flakes are removed from the bodycoat. Once mixed, immediately apply the **Corrofloor MMA Topcoat** using a medium nap roller or brush to completely seal the quartz or flake bodycoat.

Estimating

Corrofloor MMA Topcoat: 20 litres. Drum packaging available.

All coverage rates given are theoretical and subject to actual site conditions. We recommend trial areas are done to establish practical consumption particularly for primers.

Health & Safety

Always use appropriate PPE including gloves, goggles and a barrier cream to avoid contact with skin and eyes.

Should contact with skin or eyes occur, wash immediately with plenty of clean water and seek medical advice.

Corrofloor MMA Topcoat

If swallowed, seek medical attention immediately. Do not induce vomiting.

Avoid inhalation and ensure adequate ventilation or suitable respiratory equipment if working in confined spaces.

Do not expose products to fire or naked flames under any circumstances.

Always refer to the product Material Safety Data Sheet (MSDS) for full health & safety and handling recommendations.

Storage

Corrofloor MMA Topcoat has a shelf life of 12 months from the date of manufacture.

To maximize shelf life always store products in their original, unopened packaging in a dry environment, away from direct sunlight with a minimum temperature of 10°C.

Damaged packaging, high humidity or extreme temperatures may reduce the shelf life.