


vebrodeck MMA Topcoat (1-Pack + vebro MMA Catalyst)

vebrodeck MMA Topcoat is an elasticised, medium viscosity, pigmented methyl methacrylate coating, which is mixed with vebro MMA Catalyst to create a curing reaction.

The product is weather resistant and shows excellent resistance to diluted acids, alkalis, lubricants, and fuels. vebrodeck MMA Topcoat is suited for car park deck and external applications.

vebrodeck MMA Topcoat provides an impervious, easy-to-clean, hygienic and seamless surface with excellent wear and chemical resistance as well as high mechanical strength and a gloss finish.



Component	Weight
vebrodeck MMA Topcoat	25.0 kg
Total Unit:	25.0 kg*

*See Catalyst Addition table for recommended hardener dosage.

Specific Gravity

1.20 g/cm³ @ 25°C

Viscosity

350 – 550 mPas

Working Time

~15 minutes @ 25°C (usable working life of material following mixing and immediate spreading as per the application instructions).

Coverage

The recommended coverage of vebrodeck MMA Topcoat is 0.60 – 1.10 kg/m² per coat. Two coats are recommended.

These coverages are theoretical and may vary due to a number of factors including the condition of the substrate. A recommended 5% wastage addition is advised on all orders.

Overcoating Time

~24 hours @ 25°C (some mechanical preparation may be required).

Speed of Cure

- Light Foot Traffic – 24 hours
- Light Wheeled Traffic – 36 hours
- Heavy Duty Traffic – 72 hours
- Full Chemical Cure – 7 days

Storage

All components should be stored off the ground, in a cool dry area, away from direct sunlight between 10 – 30°C

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Colours



Traffic Grey A (RAL 7042)



Dusty Grey (RAL 7037)



Basalt Grey (RAL 7012)



Leaf Green (RAL 6002)



Golden Yellow (RAL 1004)



Tomato Red (RAL 3013)



Gentian Blue (RAL 5010)

Please note, the applied colours may differ from the examples shown. The above represents just a sample of available colours. Please enquire for specific colours. Epoxy materials may exhibit a yellowing effect over time resulting from thermal, UV or chemical exposure. This will be more pronounced on light grey or blue shades, *Colours marked with an asterisk will incur an additional supplement.

Substrate Requirements

The surface must exhibit a minimum compressive strength of 25 N/mm² and an adhesive strength of 1.5 N/mm². The surface must be clean and free of dust and loose particles. All traces of contaminants, including oils, fats, grease, paint, chemical and laitance should be removed. Any cracks or damage should be properly remedied prior to application.

The surface should be primed with a suitable MMA primer and waterproofing membrane if required. This should be lightly sanded or abraded to ensure better adhesion of the vebrodeck MMA Topcoat.

Application Instructions

Application Temperature

Prior to application, the material should be heated to an ambient temperature (air and floor temperature).

Mixing

Add the required amount of vebro MMA Catalyst to the resin component and mix for two minutes. Use a slow speed drill and helical spinner, taking care not to entrain air.

The necessary quantity of vebro MMA Catalyst must be adjusted in light of the temperature of the surface. For the exact quantities, please refer to the table below:

Catalyst Addition

Temperature	Catalyst	Pot Life	Curing Time
0 °C	6.0%	20 mins	80 mins
+10 °C	4.0%	15 mins	40 mins
+20 °C	2.0%	15 mins	40 mins
+30 °C	1.0%	8 mins	25 mins

You must not dose less than the given quantity of vebro MMA Catalyst, as this will adversely affect the curing process.

You must also avoid overdosing the vebro MMA Catalyst, as this can likewise lead to serious curing problems.

If the pot life, within which good penetration of the substrate is guaranteed, is to be observed, appropriate batch quantities should be estimated. The material must be applied as soon as the vebro MMA Catalyst has completed dissolving within the resin components.

Application

Spread the vebrodeck MMA Topcoat material with a Mohair-roller to the sanded-down substrates at a consumption of 0.60 kg/m² for the first coat. Broadcast with graded aggregates for an anti-slip finish and apply the second coat at a minimum of 0.60 kg / m².

For use on sloping surfaces or for vertical application, a thixotropic agent should be added.

Overcoating

Overcoating should be carried out within 24 hours of application. If longer than 24 hours it will be necessary to lightly grind the surface by mechanical means before overcoating is carried out.

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Further Information

Information relating to the safe handling of this product can be found in the Material Safety Data Sheet. Local regulations concerning the safe handling of resin based coating materials must be observed. Suitable protective clothing including suitable eye protection must be worn at all times.

All consumptions listed are for recommendation purposes only. Detailed application instructions and system build-up advice can be provided on request through our Technical Services team.

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