

## vebrodeck MMA Membrane

**vebrodeck MMA Membrane** is a polyurethane methyl-methacrylate (PUMMA) modified, self-levelling resin system that is suitable for creating watertight membranes on a wide variety of substrates.

**vebrodeck MMA Membrane** is used as a waterproofing and crack bridging membrane for use with **vebrodeck MMA ED** systems, or additionally as a waterproofing membrane prior to overlaying with approved cementitious screeds, concrete or other approved toppings.

### Substrate Preparation

The surface to be coated must be solid, dry, free of dust, grease, and oil, as well as firm.

Cementitious surfaces may be prepared e.g. by captive shot-blasting. Before applying the **vebrodeck MMA Membrane**, prime the substrate appropriately ensuring full un-broken film coverage to the specified and recommended coverage rate, including scattering with silica / or quartz sand of grain size of 0.3 – 0.8 mm.

### Application Instructions

Before application, mechanically stir the container by means of using a slow speed drill and paddle (whisk) in which the product is supplied thoroughly to distribute the paraffin evenly and ensure that the material suitably hardens. The amount of **vebro MMA Catalyst** to be added depends on the site temperature where the product is being applied. Please refer to the table "Hardener dosages" for the relevant values.

Temperature	vebro MMA catalyst powder* (% w/w)	Approximate pot life (minutes)	Approximate hardening time (minutes)
0°C	6.0	20	80
+10°C	4.0	15	60
+20°C	2.0	15	60
+30°C	1.0	8	40

\* For application temperatures below 0°C, please consult Technical department. (Addition of the accelerator (**vebro MMA Membrane - Accelerator**) also enables application in the range from 0°C to -10°C.)

### Liquid Mixture

#### Consumption

1.30 kg / m<sup>2</sup> per mm thickness  
(average consumption)

**Note:** Apply each layer to a maximum of 2.00 kg / m<sup>2</sup> to avoid overheating during cure. Minimum application thickness 0.80 kg / m<sup>2</sup>

#### Film Thickness

1.0 – 2.0 mm

#### Application Temperature

0 – 30°C (min 3°C above dew point during application and hardening)

#### Packaging (Unit Sizes)

10.00 kg & 20.00 kg

#### Colour

approx. RAL 7030  
approx. RAL 7040

#### Shelf Life

6 months in closed original container

#### Storage

Dry conditions 10 – 25°C, avoid direct sunlight, protect from frost. Optimal storage between 15°C and 20°C

#### Working Time

Approximately 15 minutes @ 20°C

#### Foot Traffic

1 – 2 hours (dependent on site temperature)

#### Overcoating Window

1 – 24 hours @ 20°C

The typical physical properties given above are derived from testing in a controlled laboratory environment at 20°C. Results derived from testing field applied samples may vary dependent upon site conditions.

## Cleaning & Maintenance

For the long-term maintenance of the properties of polymer flooring materials, a regular cleaning and care programme is recommended.

## 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 epoxy 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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