



MESA PAINT

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MESA ELASTOKOTE Product Code: MEK – 900 Series

Mesa ElastoKote is an exclusive single component waterproof coating which formulated with a special high-build modified polymer to form a tough, flexible, colored and protective membrane. The cured membrane coating is seamless, durable, UV-resistant and bond strongly to the exposed surfaces, concrete flat roofs and metal surfaces. It can be used as a protective roof coating, coloured coating for sports surfaces or as a trafficable coating system for light to medium traffic areas when used with suitable fibreglass reinforcement material. This product is also highly recommended for used in repairing and renovation project.

Usage : It is highly recommended for the application as followed:

- 1. Floor :** apply under or above screeds to provide a damp proof membrane.
- 2. Roofs :** apply as the main waterproofing coating or as part of a repair system, it also can be direct applied as protective top coat.
- 3. Basement :** apply as part of waterproofing system beneath ground level.
- 4. Walls :** can be used under render/plaster (as water barrier) or applied as a protective top coat.
- 5. Tiling :** as secondary protection under tiles in wet areas e.g. bathrooms and balconies.

Pack Size : 5 Kg and 20 Kg

Performance Specification

Tensile Strangth (DIN 53455) : > 2N / mm²

Elongation at Break (DIN 53455) : 250%

Adhesion Strength (ASTM D4541) : 1N / mm²

Crack Bridging (ASTM C836) : 2mm (no crack)

Water Vapour Transmission (ASTM E96) : ~25 – 35 g/m²/24 hours

Dirt Retention Property (SS 500:2002) : Before Washing – 95 (Pass DCI >92)

After Washing – 96 (Pass DCI > 95)

(Note: To achieve the above specification, the total DFT, dry film thickness must >0.6mm)

Composition

Pigment : Lightfast Non – Lead Pigments and Mineral Extenders.

Binder : Modified Acrylic Dispersion.

Volume Solids : 50%

Thinner / Cleaner : Water.

Properties

Texture : Smooth Sheen Finish.

Colour : MEK 900 (Dark Grey) and MEK 940 (White)

Theoretical Coverage : 1.30 kg/m² (0.6 to 0.7mm DFT)

Drying Time : Touch Dry, 1-2 hours / Hard Dry, about 4 hours. (Dependent on Temperature and Humidity).

Recoating Interval : 4 hours.

Directions for Use

Application : Stir well before use. Application can be carried out by using brush, roller or squeegee.

Thinning : Use directly as it is or dilute with a maximum of 10% water.

Cleaning Up : Clean all equipment with clean water immediately after use.

Application Instructions

- All surfaces to be treated must be clean, thoroughly dry and free from all defects or poorly adhering material like dirt, grease and wax. All joints (width: >2mm) shall be sealed with a suitable low modulus, high performance, paintable joint sealant before primed with 1 to 2 coats of **Mesa ElastoSeal**.
- For general interior and exterior wall application, it is advised to be painted with 2 coats of **Mesa ElastoKote** after the priming process.
- To use **Mesa ElastoKote** at high stress areas (e.g., internal corners, gaps, outlet cracks, pipe intrusions and etc.), it is advisable to apply together with recommended heavy duty reinforcing material to provide a fully reinforced trafficable system.
- For membrane application, all the stress points have to be pre-treated follow the above mentioned method. After it, apply **Mesa ElastoKote** in a uniform coating over the entire area to be waterproofed at about 0.65 kg/m² by brush, roller or squeegee. Allow to dry for 4 hours. Then apply 2nd coat of **Mesa ElastoKote** at 0.65 kg/m² at perpendicular direction to the previous coat and allow drying for a minimum of 24 hours.
- For maximum protection in substrate susceptible to crack, reinforcing fabric is embedded into the 1st coat during wet and further coated (wet on wet) with the 2nd coat of **Mesa ElastoKote**.

For more information, please visit our website at : www.mesa.com.sg . Any advice, recommendations, information, assistance or service provided by Mesa Paint Manufacturing Pte Ltd in relation to goods manufactured or marketed by it or their use or any application is given in good faith. However, any advice, recommendations, information, assistance or service by Mesa Paint is provided without expressed or implied warranties.

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