



MESA PAINT

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MESA ELASTOSEAL Product Code: MES – 300

Mesa ElastoSeal is a multi-purpose water-based high-build modified acrylic sealer suitable for use with **ElastoKote** membrane systems. **Mesa ElastoSeal** is designed as an elastic, high water permeability, excellent alkaline & efflorescence resistance, fast drying and non-toxic waterproof sealer. The single component nature of **Mesa ElastoSeal** makes it easy to use and suitable for priming in new construction, repair & renovation projects and preventive maintenance works. The final cured film is tough and able to promote better adhesion to the cleaned, competent substrates or surfaces such as concrete, fibrous cement sheet, render, brick and bituminous membrane. It also suitable to apply on exposed areas like roofing, podium decks, external wall and balcony dooring sills.

Usage : **Mesa ElastoSeal** can be applied onto properly cleaned, competent concrete substrates, masonry, hardboards, fibre-boards, timber or any other properly prepared and cured cement-based surfaces.

Pack Size : 5 Litres and 20 Litres.

Performance Specification

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

Elongation at Break (DIN 53455) : 300%

Adhesion Strength (ASTM D4541) : 1N / mm²

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

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

(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 : Light Grey

Theoretical Coverage : 10 – 12 m²/Litre.

Drying Time : Touch Dry, 15 – 30 min / Hard Dry, 1 – 2 Hrs. (Dependent on Temperature and Humidity).

Recoating Interval : 2 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

- Clear all loose materials and debris from the surfaces to be primed and coated.
- Water-jet the surfaces to thoroughly remove all laitence, dust, oil, unstable substrate materials and other contamination from the surface before primer application.
- Remove all excess cleaning water from water- jet cleaned surfaces, allow surface to dry.
- **Concrete surfaces** -- Surfaces must be **clean and dry**, all depressions and potential ponding areas are filled out, and a proper screed-to-fall established. Check concrete moisture levels first before coating work begins to ensure that insitu moisture is low enough.
- Apply one liberal coat of **Mesa ElastoSeal** to the previously cleaned porous concrete / masonry surfaces, floors, exterior walls and surfaces.
- Roll or brush well into surface to fully integrate into pores / profile. Do not over-roll.
- Allow **Mesa ElastoSeal** to dry completely (approx. 2 hours) before coating over the sealer coat with **Mesa ElastoKote**.
- Porous concrete surfaces -- a second coat of **Mesa ElastoSeal** is recommended
- before coating over with the desired high build coatings. Laitence, loose cement or concrete layers must be removed before sealer application.
- For maximum performance, always ensure that **Mesa ElastoSeal** is fully cured and through-dry before coating over with the selected membrane system.

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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