



Engineer Plus Smart Coat

Description

Engineer Plus Smart Coat is a fiber reinforced elastomeric liquid applied water proofing membrane. It is formulated with select elastomeric and resilient acrylic polymers and reinforcing polyester fibers. Upon curing, it forms a thick, seamless, durable membrane thus offering ultimate waterproofing..

Areas of Application

- Can be used for building roofs, terraces, parapet, sunshades and exterior vertical walls. It can also be applied on existing IPS, sound brick-bat coba or cementitious waterproofing.

Features & Benefits

- **Water proofing:-** Waterproofing protection of up to 7 bars hydrostatic pressure.
- **Crack bridging:-** Unmatched crack bridging ability due to elastomeric properties.
- **Mechanical strength:-** Reinforced with glass fibers for superior abrasion resistance.
- **Adhesion:-** Strong adhesion to masonry substrates.
- **High sheen:-** High sheen, brilliant white colour and thick coat results in high levels of heat reflectance.
- **Anti carbonation:-** Reduces carbon dioxide and chloride ion diffusion thus protecting re-bars against corrosion.
- **Use & maintenance:-** Single pack, easy to apply and simple re-coating.

Method of Application

- **SURFACE PREPARATION**
 - prepare the surface by cleaning and ensure that it is free of dust, oil, grease, grime and loose particles etc.
 - The substrate must be checked for its soundness small crack (3mm or less) should be opened cleaned and filled with Engineer Plus Crack Fill Paste Bigger cracks, damaged portions & hollow areas must be repaired with polymer modified screed.

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- **APPLICATION METHOD HORIZONTAL SURFACE**
 - Apply a self-priming coat of Smart Coat (diluted with water in 3:1 ratio.)
 - Apply two perpendicular coats of Smart Coat without dilution.
 - Achieve a forced system coverage of 10sq .ft./ltr.
 - Allow it to dry for 4-6 hours between coats
 - For best performance on terraces, ensure that the product is applied on the entire roof including parapet wall

- **APPLICATION METHOD VERTICAL SURFACE**
 - Fresh painting: Apply a self-priming coat of Smart Coat (diluted with water in 3:1ratio)
 - Apply a second coat of Smart Coat without dilution .
 - Achieve a forced system coverage of 25 sq. ft./ ltr.

Technical Information

PROPERTIES	SPECIFICATION	RESULTS
Form		Ready to use viscous liquid
Mix Density:		1.26
Application temperature		5°C to 35°C

PACKING



10LTR



20LTR

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