

ELASTOMERIC HEAT REFLECTIVE COATING WITH SPECIAL LOTUS EFFECTS

DESCRIPTION

SMAC[®] ELASTOBOND SLE is an elastomeric heat reflective coating based on high quality polymer emulsion modified with multi-ceramic and nano technology which gives Special Lotus Effect on the treated surface.

ACTION MECHANISM

SMAC[®] ELASTOBOND SLE is a liquid formulation which is an organic polymer combination fortified with multi-ceramic & nano-tech based Intelligent Chemicals. The molecules of these Intelligent Chemicals have penetrating ability in the substrate to seal the capillaries. It also provides heat insulation effect because of **SMAC[®] Therm** technology. The nano particles form a weather & waterproof barrier over the treated surface. Further, the flexibility of the coat takes care of future cracking, if any, in the substrate.

ADVANTAGES

- Elasticity up to 300%
- Heat reflective nano-tech barrier; Cooling load is reduced
- High gloss
- Highly water resistant & Water repellent with Special Lotus Effect
- Waterproof
- Easy to clean and high dirt pick-up resistance
- Lets the substrate "Breathe"; Indoor condensation minimal
- Sulphate and Chloride penetration resistance
- Anti-fungal property prevents defacement
- Breathable

TECHNICAL DATA

- Base : Special Polymer Blend Emulsion with Multi-ceramic & Nano-tech Intelligent Chemicals
- Solid content : 50±2%
- Colour : White or as per custom colours
- Viscosity : 250-500 cps
- pH : 8.5±0.5.
- Flexibility : 300%
- DFT in two coats : 1000 micron
- Recommended coats : Two

SMAC[®] ELASTOBOND SLE

APPLICATION PROCEDURE

While applying **SMAC[®] ELASTOBOND SLE** coat, surface preparation is the most important part. Remove all the loose materials to expose the base surface of the wall. Wash the surface with plenty of water. A 10% muriatic acid solution wash should follow. Again wash the surface with plenty of water. Let the surface dry to SSD (saturated surface dry) condition. Fill all the cracks, honey-combs, voids etc using cement mortar or our **BONDCRETE RP** repair compound. Apply a coat of **SMAC[®] ELASTOPRIMER** liberally by brush over the surface. Allow the surface to be touch-dry. Apply a coat of **SMAC[®] ELASTOBOND SLE** on the primed surface by brush. Care must be taken to ensure a uniform coat without brush marks. The second coat should be applied after the first coat is dry to touch. The second coat should be applied perpendicular to the first coat. Protect the treated surface for 48 hours from direct water splashes, scratching & other disturbances. Wash all the tools with water & soap.

COVERAGE

5-6 sq. m. per kg on vertical and 2-2.5 sq. m. on horizontal surface in two coats depending absorption and roughness

APPLICATION AREAS

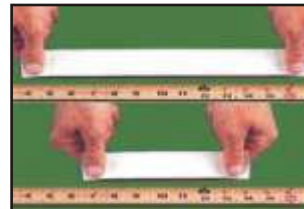
- Concrete flat & sloping roof slabs
- Exterior walls
- Parapet walls
- AC sheet roofing
- Mineral substrates

PACKING

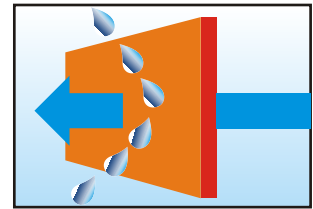
1kg., 5 kgs. & 20 kgs. HDPE containers

SHELF LIFE

12 months in original sealed container



ELASTOMERIC



WATER REPELLANT



SPECIAL LOTUS EFFECT



NANO TECHNOLOGIES
MODIFIED PRODUCT

Disclaimer: The information given in good faith is based on our in-house testing & site results. However, we do not guarantee the same as the conditions of actual use are beyond our control.

WE HAVE OUR OWN PROJECT DIVISION & UNDERTAKE LARGE PROJECTS.

SM
ADHESIVES

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