Crocodile Roof Shield
Waterproofing

CROCODILE
Innovation for Your Family's Happiness
REPAIRING INNOVATION

Heat Reflective Acrylic Waterproofing

Crocodile Roof Shield is a liquid acrylic, waterproofing product for roofs and facades. Applied in a thick layer, it forms a waterproof, flexible film which adapts to the surface changes caused by tension or expansion. Crocodile Roof Shield is an elastomeric, decorative, water proofing agent for protection, restoration, and repair for all types of roofing as well as gutters and other structures. Crocodile Roof Shield contains a special pigment to reflect UV radiation and reduces heat up 80% (even on dark colors). Moreover, Crocodile Roof Shield better than other acrylic waterproofing 2-6°C when comparing. It can bridge small hairline cracks prior to painting over, and can adhere to almost all surfaces, such as: concrete, mortar plasters, brick, concrete blocks, PVC pipe, metal flashing, and etc.



Product features

- Ready to apply
- Have special pigment to reflect heat over 55-80% even dark color.
- Highly flexible waterproof coating with up to 500% elongation
- Adhere to almost all surfaces such as concrete, mortar plasters, corrugated roof and metal.
- Can be easily painted over
- Excellent UV and weathering resistance

Application

- Waterproofing for exterior applications such as terraces, rooftops, roof tiles, wall, gutter, flashing, ridge board and ridge capping
- Can bridge small hairline cracks prior to painting over

Application Instruction

Substrate Preparetion

Dry or moist substrates must be cleaned, load bearing, fine porous and fairly even. Any damage should be repaired in advance. Any voids or potholes in the substrate must be appropriately filled with a high strength mortar. Allow the surface to dry thoroughly. Substrate on rooftop should have proper slope to prevent water accumulation.

Application

- When used as a primer, dilute the mixture with 5-10% water and apply, using a rolle or brush; leave the primer to dry.
- Apply the first coat at an approximate ratio of 0.6 kg per m^2. Allow a minimum drying time 4 hours. Once the first coat had dried, a second coat should be applied, at the same ratio.
- Fiber mesh or polyester felt should be applied on the entire substrate on flat roofs after the first coat application.
- When finished, surface should be left to dry at least 48 hours.

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Technical Data

Test	Evaluation
Appearance	Semi-fluid paste
Paste Density	1.25
Elongation at brake	500%
Hardness Shore A	65
Tensile Strength	> 3.5 N/mm^2
Crack Bridging	> 2 mm.
Total Solar Reflective : TSR • White • Grey	 > 80 % > 50 %

Precaution

- Temperature range for use: 10- 35 °C
- It is not recommended for use in areas of water immersion like swimming pools, spa etc. and do not use where negative hydrostatic pressure is evident.

Caution

- Liquid acrylic may cause injury to skin or eyes. Use of rubber gloves, dust masks, eye protection, and other safety equipment is recommended.
- If contact with eyes occurs, flush immediately and repeatedly with water, and then contact doctor immediately.
- Avoid contact with skin. Wash thoroughly after handling.
- Keep out of reach of children

Packing

Net weight : 1, 4, 20 kg

U.S.A. Standard from the Crocodile Family