

# CAP ROOF GUARD

ACRYLIC BASE WATERPROOF COATING

## DESCRIPTION

**CAP ROOF GUARD** is cold applied elastomeric, single pack roofing compounds based on special acrylic emulsion.

## USES

**CAP ROOF GUARD** is basically used for waterproofing concrete roof, metal roof, single ply roofing.

## ADVANTGES

- Provides a seamless membrane.
- Adheres well to various substrates.
- Heat reflective coating helps reduce cooling cost.
- Prevents premature degradation.
- Easy to use non toxic water base coating.

## TECHNICAL DATA

Unit wt kg/liter	1.44 ± 0.02
Volume solid %	54 ± 2
Flash Point	Non Flammable
Drying time @ 25° C	
Dry to touch hrs	1-2
Hard dry	12-16
Recommended DFT	500 μ

## COLORS

Satin white & grey  
Others color available on request.

## INSTALLATION

### Surface preparation

- All surfaces must be clean, dry and free from dust, rust and any laitance.
- Sweep and power wash area to remove all dust, dirt, loose granules and residue.
- Scrub the area where water ponds with detergent and water, and rinse well. Carefully inspect the area to be coated, including areas surrounding pipes, chimneys, equipment, roof edges and walls.
- Repair all cracks, breaks, splits and holes by embedding glass mesh between 2 heavy coats of **CAP ROOF GUARD**.
- On metal roofs, tighten all fasteners, and seams with our Cap Mastic material.

### Priming

- Old asphalt surfaces and bituminous roofing felt – cut felt blisters cross wise dry and rebound with suitable adhesive. Then prime cleaned surface with **CAP ROOF GUARD** diluted with 20 % water
- Concrete and Terrazzo tile roofs Prime with **CAP ROOF GUARD** diluted with 20 % water.
- **Metal Roof**- Clean and remove all rust and apply a rust inhibitive primer.
- Other roofs- If the roof is affected by algae or fungal growth use a stiff brush to remove this, before treating the cleaned surface with a suitable fungicide. Apply primer coat by diluting **CAP ROOF GUARD** with 20 % water.

### Application

- **CAP ROOF GUARD** can be applied by brush, roller, squeegee or spray equipment.
- Apply on a clean dry surface, do not dilute the material.
- Stir material to a uniform consistency and apply by spray, deep pile paint roller, or brush, keep strokes in one direction.
- Apply in two coats at the recommended rate for substrate.
- Allow to dry thoroughly between two coats. Second coat should be applied as soon as first coat dried up.
- Apply second coat at right angles to first coat.
- Where substantial movement anticipated in the structure, reinforce **CAP ROOF GUARD** by incorporating mesh as part of membrane system. Lay the mesh in wet first coat before application of subsequent coat.
- All detailing to pipes, up stands, drains, projected line etc. should be mesh reinforced in this way.

### COVERAGE

1 m<sup>2</sup>/per liter will provide approx. 500 μ dft .

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### MECAHNICAL PROTECTION

**Accessible Roofs** can be protected by in situ concrete screed. Place a non-woven polyester separation layer over the acrylic waterproofing membrane followed by insulation boards. Lay Kraft paper or polyethylene sheet as separation layer over the insulation boards and place the topping screed of 4 to 5 cm thickness or suitable cement tiles.

### Non Accessible roof

Place non-woven polyester separation layer over the acrylic waterproofing membrane followed by insulation boards. Cover the insulation with another layer of non – woven polyester separation layer and place 15-30 mm wash gravel to a minimum depth of 5 cm. For thicker insulation board the gravel depth should be at least equivalent to that of board thickness.

### PACKING

19 kg pail and 250 kg drum

### STORAGE

Keep way from direct sun light and preferably store at 5-30<sup>0</sup> C.

### SHELF LIFE

12 months in unopened closed containers

### PRECAUTIONS

- Never apply if Rain is imminent.
- Bitumen and asphalt surfaces should be thoroughly dry.
- Do not apply below 5<sup>0</sup> C temperature.
- Do not use in areas which will be constantly submerged in water.

### HEALTH AND SAFETY

**CAP ROOF GUARD** is non toxic and non flammable whilst wet. Avoid prolong skin contact. Use of barrier cream, gloves is advisable. If comes in contact with eyes, open eyelids widely and flush immediately with plenty of water. If ingested seeks medical attention.

### TECHNICAL SERVICE:

Our Technical Service Department is available at any time to advise you in the correct use of this product or any other Ahlia products.

**Note :** The information presented herein is based on the best of our knowledge and expertise for which every effort is made to ensure its reliability. Although all the products are subjected to rigid quality tests and are guaranteed against defective materials and manufacture, no specific guarantee can be extended because results depend not only on quality but also on other factors beyond our control.

**As all Ahlia Technical Data Sheets are updated on a regular basis, it is the user responsibility to collect most recent issue.**