

# Roof Armor

## Seamless, Joint Free, Elastomeric Waterproofing Membrane

### Description

ROOF ARMOR is an elastomeric, single pack water based 100% siliconized acrylic copolymers. It is ideal for dry substrate where it forms a seamless, joint free, water and weather tight elastic membrane

### Uses

It is suitable for application over concrete, wood, asphalt shingles or asphalt roofs. Excellent protection for pipelines, grain elevation over concrete, wood or asphalt roofs and all roofs which are badly weathered, cracked and leaking

### Features

- Resistance to aging & UV radiations
- Accepts light foot traffic
- Remains Flexible at -15<sup>o</sup> F / -26<sup>o</sup> C
- Non toxic & non hazardous
- Non Flammable as liquid compound
- Ease of Application

### Surface Preparation

All surface must be clean and free from old latence dust, dirt, oil & grease. Thereafter power wash the surface provided however it does not damage the roof and cause leak.

### Primer

- ROOF ARMOR will bond to concrete, un primed or galvanized metal, old asphalt surfaces and asphalt shingles.
- Rusty surfaces require rust control prior to application

### Product Application

- Mix the material thoroughly before use
- Apply ROOF ARMOR by soft brush, roller or spray gun.
- For spraying ROOF ARMOR may be slightly diluted with water (1- 1.2 liters / bucket) Too great a dilution may lead to sedimentation and blocking of spray gun.
- Use airless spray with .025-.028 inch tip with atomizing pressure of 2200-2500 Psi. with 60 degree fan spread. Remove filters and screens to avoid interruptions.

- Where substantial movement is anticipated in the substructure, reinforce ROOF ARMOR by incorporating a non-woven polyester scrim as part of a "Sandwich" membrane system. Lay this mesh in the wet first coat before application of subsequent coats.

### Coverage

Apply two coats at a coverage rate of 15 m<sup>2</sup> per gallon per coat (DFT 150 microns) for sloppy roofs and 6 m<sup>2</sup> per gallon per coat (DFT 350 microns) for flat roofs, depending on the condition of the substrate.

### Colors

White, Grey, Most colors on request

### Technical Data

<b>Solid Content. %</b>	<b>:62(+/-1)</b>	<b>ASTMD 1076</b>
<b>Tnsile Strength. N/CM</b>	<b>:2900</b>	<b>ASTMD 412</b>
<b>Elongation at break. %</b>	<b>:300</b>	<b>ASTMD 412</b>
<b>Hardness. Shore A</b>	<b>:68</b>	<b>ASTMD 2240</b>
<b>Peel Adhesion: Lbs./in.</b>	<b>:65</b>	<b>ASTMD297</b>
<b>Viscosity: CPS</b>	<b>50,000-70,000</b>	<b>Brookfield</b>
<b>Service Temperature: C<sup>o</sup></b>	<b>: 10-30</b>	<b>IN-HOUSE TEST</b>
<b>UV Resistance.</b>	<b>100,000 Hrs. No deterioration No color fade</b>	<b>ASTMD 822</b>
<b>Flexibility.</b>	<b>-15<sup>o</sup> F/ -26<sup>o</sup> C</b>	<b>IN-HOUSE TEST</b>

### Packaging & Shelf Life

ROOF ARMOR, 5 Gallon Bucket, 2 years if remains unopened and be kept away from freezing.

### Product Warranty

5 to 15 years extendable limited warranty. The sole remedy for goods not in conformance with any warranty is replacement of the product or return of purchase price. The Delta Coatings & Sealants Inc. shall not be liable for any other damages included but not limited to labor expenses

