



# HIGH QUALITY ELASTOMERIC ROOF COATING



## SOLADUR 700

**Product Description:** Soladur is a high quality water-based elastomeric topcoat coating available in white, which cures to form a seamless membrane when applied over the entire roof area. In addition to keeping the surface cool, Soladur extends the life cycle of new and existing roof systems, providing protection from ultraviolet sun and other weather exposures.

**SOLAR REFLECTANCE INDEX (SRI) – INITIAL 110 : WEATHERED 93**

## FEATURES AND BENEFITS

- Extends the useful life of the roof.
- UV resistant.
- Decreases roof surface temperature which can reduce energy costs and protect heat-sensitive membranes.
- Offers high tensile strength and elongation.
- Resistant to dirt pick up and is fungal and algal resistant.
- Low VOC and non-flammable.

## STORAGE:

- Shelf life is 18 months if stored in original unopened containers.
- All containers should be sealed when not in use.
- Keep from freezing.
- Store between 40°F and 100°F.

## NET CONTENTS

4.75 U.S. GAL.  
17.9 LITERS/LITRES/LITROS



## APPLICATION INSTRUCTIONS

- Safety glasses, gloves, and protective clothing must be worn at all times.
- Stir well prior to application.
- Apply with high pressure sprayer for best appearance and coverage, however the product may be applied by roller or brush applications.
- Apply at 24 wet mils (1.5 gallon per 100 square feet) per coat. Typical application conditions require two coats at 24 wet mils per coat. To minimize potential voids or pinholes in coating application, apply second coat perpendicular to the first.
- Allow coating to dry overnight prior to applying second coat.
- Apply only when ambient temperatures are 50F and rising. Cold weather could result in uneven application and improper curing of product. Do not apply if there is a threat of inclement weather within 24 hours of application.
- Do not thin product. Do not heat outside of container. Do not apply at temperatures greater than 120F.

## TYPICAL PHYSICAL PROPERTIES

TEST PROPERTY	TEST VALUE	TEST PROCEDURE
Viscosity (cP)	28,000 – 58,000	Brookfield© 4d/5 RPM/77°F
Solids Volume (%)	53 ± 2	ASTM D2697
Solids Weight (%)	68 ± 2	ASTM D1644
Elongation (%)	250 ± 25	ASTM D2370
Tensile Strength (psi)	275 ± 50	ASTM D2370
Permeance (perms)	14 ± 3	ASTM D1653
Water Swell (%)	12 ± 1	ASTM D471
Accelerated Weathering @ 1000 hr (pass/fail)	PASS	ASTM D4798
Adhesion (pli)	PASS	ASTM C794 / ASTM D903
Fungi Resistance (pass/fail)	PASS	ASTM G21
Tear Resistance (lbf/in)	70 ± 5	ASTM D624
Low Temp Flexibility (1/2" mandrel @ -26°C) (pass/fail)	PASS	ASTM D522
VOC (gm/L)	< 50	CALCULATED
Weight/gal (lb)	12 ± .5	ASTM D1475

REFER TO SAFETY DATA SHEET (SDS) FOR SPECIFIC DATA AND HANDLING OF OUR PRODUCTS.