

WhiteCAPS

Define | Design | Develop | Deliver

WhiteCAPS from SWT Group is a water based, modified acrylic white reflective roof coating. It has been uniquely formulated for application to granular roofing membranes to enhance the reflectivity, performance and extend the life of the roof at very low film thickness (4-5 mils).

In addition to providing blinding initial reflectance measurements of over 75% for California Title 24 “Cool Roof” qualification, **WhiteCAPS** also enhances the adhesion of granules to the membranes and provides added abrasion, impact and UV resistance to greatly extend the life of any roof. It has excellent stain resistance and bleed blocking properties while remaining flexible enough to expand and shrink with the membrane across all seasons.

Physical Properties (Typical)			
Colour	White	Percent Solids	51% w/w, 42% v/v
pH	8.5	Specific Gravity	10.94 lbs/USG, 1.31 g/ml
Flash Point	>212° F, 100 ° C	Viscosity	3000 – 4500 cP (#5 @ 20 rpm)

Performance Data			
Test	Method	Specification	Result
UL 2218 Impact Resistance	4 ft Ball drop	No cracks or delamination	Pass from 8'
Water Ponding	ICC-ES / AC-48	24" column @ 72 Hrs	Pass
Fungi Resistance	ASTM G21 – 28 Days 30C / 85% RH	No growth – 4 weeks	Pass
Initial Reflectance	ASTM C154	Min 70%	75-87%

Application

WhiteCAPS can be roller or spray applied using various application equipment including conventional, HVLP, airless or air-assist airless spray equipment. Make sure surface is clean, dry and free of loose or unbonded substrate. Stir thoroughly before use. Two coats for a total dry film thickness of 8-10 mil is recommended. Each gallon should cover 100-150 sq ft depending on granularity and condition of substrate.

Wait 3-4 hours between coats.

Do not allow product to freeze.

The ratings and data contained herein are based on information obtained through controlled laboratory methods. We recommend that the customer determine the suitability of these materials before adopting them for its own use