DryTex SCR600

Cool Roof Elastomeric Waterproof Coating

SCR600 Elastomeric Radiation Control Coating is an emulsion of high grade acrylic resins and silicon in water. It contains high-quality silicone particles encased in a high-grade acrylic emulsion. It dries by evaporation to yield a tough, velvety, non-yellowing, water repellent surface with exceptional abrasion resistance and ultra-violet light stability. When applied directly to rust will immediately convert iron oxide to iron phosphate upon contact, preventing further rusting problems.



Unlike other coatings, it contains ceramic particles. These particles are the heat dissipating elements in SCR600 Elastomeric Radiation Control Coating that give it the ability to save on cooling cost. It is applied to yield a tough, water tight membrane. SCR600 Elastomeric Radiation Control Coating will take all universal tints, but must be restricted to the first shade of pastel colors on any color chart. Please Note: Do not use black pigmentation for tinting.

Outstanding Features

- Seals, Waterproof and Protects Roof
- Lower cooling costs
- High Quality Flexible Siliconized White Acrylic
- Non-toxic .
- Converts rust
- Water Borne Abrasion Resistant
- Energy savings mildew resistant
- Labour, time and cost saving
- Clean up with soap and water
- Waterproofing properties

Additional Benefits

- Very high radiant heat reflectivity and very low thermal conductivity to provide wonderful thermal insulation effect.
- Very good sound isolation effect for reduce the sound of raindrop out side.
- Good durability and weatherability
- Excellent water resistance property to permit no other waterproofing construction.
- Water based and environment friendly contain no heavy metal and hazardous substances.
- Good adherence to various substrates of cement, wood, metal, fibre, EPDM rubber etc
- Completely seamless roof
- Expands and contracts - clings to your roof in all temperatures
- Energy Star rated product which saves Energy
- Reflects the sun's UV-rays & Protects corrosion
- Low VOC, non-toxic and environmentally compliant
- Fire retardant and provide insulation to heat and sound

engineered to perform

Property	Value	Test Method
Color	White	
Solids by weight	80%	
Density	8.7± 2 lbs per gallon	
Hardness	60 Shore A	ASTM D-2240
Tensile Strength	2.8 Mpa	ASTM D-412
Elongation	350%	ASTM D-412
Reflectivity	96 %	ASTM C 523
Flash Point	None	
Permeability	3.5 perms	ASTM E-96
Application temperature	55° - 100°F @Less than 85% relative humidity	
Coverage	1 sq. m with 1.2 liter @1000micron (Two coats)	
Dry Time	Dry to touch in 4 - 6 hours, 12 - 24 hours to recoat.	
Shelf Life	12 months @ 40°-90°F	

All values given are subject to ±5-10% tolerances

APPLICATION

Surfaces should be clean, dry and sound. Existing surface dirt, oil, tar, grease and mill film should be removed prior to application of SCR600 Elastomeric Radiation Control Coating.

SCR600 can be applied by airless spray equipment or by brush/roller only. It should be applied evenly without build-up. Multiple coats are recommended, to a total dry film thickness of 1000 micron

All roof-preparation materials must be allowed to dry prior to application of the SCR600 coating. Immediately prior to application of the coating, all dust, dirt and other contaminants should be blown off the roof surfaces using compressed air. Cover the entire roof substrate as follows.

1. Apply the basecoat at a minimum thickness of 500 Micron
2. After allowing the basecoat to dry (minimum 4 hours), apply the topcoat at a minimum thickness of 500 micron using a cross hatch technique. Apply the elastomeric coating by brush, roller or airless spray, using a multi pass spray technique to ensure even coating application to all sides of the substrate. Make a conscious effort to apply coating into crimped or pre-sealed vertical (side-lap) seams that have not been detailed.
3. Total dry-film thickness required at any location is 1000 micron DFT . This is generally considered the minimum coating thickness for product warranty .As per project requirements, for extended coverage periods, additional coats and heavier film builds will be required.

PACKING: 20 Litre Pail

STORAGE: Store materials between 40°-90°F with careful handling to prevent damage to products. If conditions exceed these ranges, special consideration in storage must be taken. Do not store at high temperatures in direct sunlight. Shelf life under normal conditions in closed container will be 12 months.

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