

DryTEX SCR

High reflectance elastomeric radiation control Waterproof Coating

DryTex SCR- High reflectance Elastomeric Radiation Control waterproof Coating is an emulsion of high grade synthetic resins 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 thermal insulation particles. These particles are the heat dissipating elements in SCR Elastomeric Radiation Control Coating that give it the ability to save on cooling cost. It is applied to yield a tough, water tight membrane.

Outstanding Features

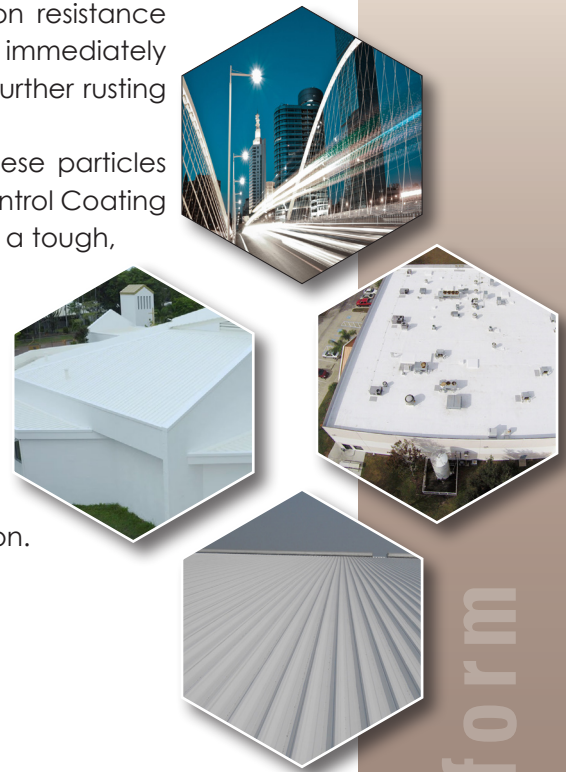
- Seals, Waterproof and Protects Roof
- Reduce heat transfer to the building structure and Lower cooling costs
- Green building compliant and washable
- Good resistant to abrasion , corrosion , water and root penetration.
- Excellent mechanical , salt , algae resistant properties .
- Energy savings mildew resistant
- Labour, time and cost saving
- Excellent chemical and weather resistant
- 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, bituminous, EPDM 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.

Field of Application

Ideal thermal reflective waterproof coating for roof and building structures, Industrial roof, factories, refineries, commercial and residential buildings, logistic buildings, cold storage, concrete and metal storages and all green building construction requirements.



engineered to perform

Property	Value	Test Method
Color	White	
Solid Content	65%	ASTM D 2369
Density	1.11 Kg/Litre	
Hardness	60 Shore A	ASTM D-2240
Tensile Strength	1.6 Mpa	ASTM D-412
Elongation	250%	ASTM D-412
Adhesion on concrete	2N/mm ²	ASTM D 903
Crack Bridging	3mm	ASTM C836
Flash Point	None	
Water Impermeability	Impermeable	EN 14891
Water vapor Transmission	0.06 perms	ASTM E-96
Application temperature	5°C - 50°C @Less than 85% relative humidity	
Coverage	1 sq. m with 1.3 Kg	
Thickness	Min 500 micron DFT	
Dry Time	Dry to touch 30 mints to 1 hr , 6 hours to recoat. Full cure 48 hours	
Solar Reflectance	83%	ASTME903
Emittance	91%	ASTM C1371
SRI (Solar Reflectance Index)	105	ASTM E1980
Service Temperature	-20°C to 90°C	
VOC	Less than 25g/L	ASTM D3960/2369
Shelf Life	12 months @ 15°-50°C	

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. SCR 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 an average thickness of 500 Micron
2. After allowing the basecoat to dry (minimum 4 hours), apply the topcoat at an average 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 800 micron DFT. This is generally considered the minimum coating thickness for product warranty for roof waterproofing. For Façade and other building external protective coating applications, Minimum 400 Micron DFT. As per project requirements, for extended coverage periods, additional coats and heavier film builds will be required.

Packing 20 Kg 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.



engineered to perform