DryTEX ROOF

Elastomeric Acrylic Waterproofing System

DryTex ROOF is a fluid applied, flexible waterproof and protective coating formulated with 100 % high quality acrylic elastomeric resin which forms a membrane of protection that expands and contracts. DryTex ROOF waterproof flat roofs, pitched roofs, Parapet Walls, Terraces, etc., and provide a seamless elastomeric flexible roofing membrane that stays watertight longer than conventional seamed roofs. It will not crack, crumble, or peel despite exposure to severe weather or total joint movement. It is designed for the maximum in flexibility and water resistance. Provides a high gloss, UV stable, excellent chemical resistance, color retention and chalk resistance. DryTex Roof's formulation complies with AS4858:2004 and is generally applied in accordance with AS3740:2004 and meets the Green Star environmental criteria.



Features

- Completely seamless roof and extremely flexible
- Watertight, impact resistant, leak protection and corrosion control
- Trafficable, easy clean and care.
- Microbial Resistance - Resistance to Algae, Fungi and bacterial attack
- Highly reflective surface -reduces rooftop and interior temperatures
- Breathability -Allow internal moisture to escape
- Low VOC, non-toxic and environmentally compliant
- High SRI (Sun Reflex Index) value

Application Field

For waterproofing and protecting a wide assortment of roofing substrates that are structurally sound such as concrete roofs, metal roof. wood, asbestos sheets ,asphalt fibre sheets and other similar surfaces. The best elastomeric waterproof coating for concrete based roof where good weather resistance, trafficable and sustainability required. Ideal coating designed as a decorative, flexible, elastomeric coating for sealing and waterproofing roofs, walls and wet areas. Provides high quality effective waterproofing cum decorative coating for exterior wall. Prevents dampness of external wall subjected to severe weather in coastal environment

Properties (Confirmed To Astm D 6083)

PROPERTY	VALUE	TEST METHOD
Color	White -RAL ref colours available	
Solids by weight	> 80%	
Density	1.12 g/l	
Hardness	60 Shore A	ASTM D-2240
Tensile Strength	4 N/sq.mm	ASTM D-412
Elongation	450%	ASTM D-412
Crack bridging	2mm	ASTM C 836
Permeability	0.5 perms	ASTM E-96
Application temperature	5° - 50°C @Less than 85% relative humidity	
Coverage	1 sq. m with 1.2 liter (Two coats)	
Dry Time	4 - 6 hours	
UV Resistance	Excellent	
SRI - Solar Reflex Index	> 90 %	EN 4101998
VOC	≤ 50g/L	ASTM D3960/D2369

All values given are subject to ±5-10%

engineered to perform

Installation

(a) Surface Preparation

Surfaces to be coated must be clean, dry and free of any oil, grease or dirt. Patch and repair cracks, blisters and other problem areas using suitable materials recommended by ORGANIX technical support. Any existing coating must be checked for good adhesion. The loose existing waterproof systems should be removed well. Clean by wire brush and use pressured air to blow out all the dust.

(b) Application

Tools or equipments to be used for the application

1. Roller (Short nap roller)
2. Brush (Good quality synthetic bristle brush)
3. Spray (Airless Sprayer, 1gpm, 3,000 psi, .027 or .031 tip)

(c) Mixing

Up to 10 % of clean water can be added to dilute the given material to have enough consistency. during application without affecting the specified properties .If priming requires, advisable to dilute with 10 to 20 % clean water to apply as a prime coat on the concrete surface to seal the pores.

(d) Coating Application

All roof-preparation materials must be allowed to dry prior to application of the DRYTEX ROOF 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 yield of 2 sq./1.2L
2. After allowing the basecoat to dry, apply the topcoat at a minimum rate of 2sq.m / 1.2 litre 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. The coating film thickness required at any location is average 1000 micron.

Packing: 20 LITRE PAIL

Storage: Store materials between 05°-40°C 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.

Warranty

As a part of the ORGANIX SYSTEM on preapproved, qualified applications, when you use an approved applicator, a 10-year warranty is available. Contact us for complete warranty information.

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