DryTex ES

ElastoSeal

Elastomeric Waterproof Coating

ElastoSeal is a fluid applied, white, flexible waterproof and UV protective coating formulated with acrylic elastomeric resin which forms a membrane of protection that expands and contracts . ElastoSeal specifically formulated and designed as a part of ORGANIX EXTREME ROOF -COMBO SYSTEM and to be used over the SPRAY ON POLYURETHANE FOAM INSULATION as a waterproofing UV resistant protection and later to be covered by other multiple layers . It will not crack, crumble, or peel despite exposure to severe weather or total joint movement.









FEATURES

- Completely seamless roof
- Energy Star rated product which saves Energy
- Reflects the sun's UV-rays & Protects corrosion
- Good resistance to alkalis, salt solutions and diluted acids
- Non-Hazardous Composition
- Excellent bonding to most substrates
- Low VOC, non-toxic and environmentally compliant
- Excellent UV resistance
- Fungus resistant, Protect against carbonation and chloride ion diffusion
- Fire retardant (ASTM E 84)
- No asbestos and Hazard chemicals content, doesn't release any hazardous vapours
- Exceeds several ASTM D6083 requirements of tensile strength, elongation and weatherability

FIELD APPLICATION

Part of the COMBO system and use above the Spray-On Polyurethane Foam Insulation. Unique 'bleed blocking' properties make it particularly suited for coatings over popcorn surfaced polyurethane foam insulation. ElastoSeal remains flexible beneath the surface, bridging cracks and moving with the building structures. ElastoSeal 100 % Acrylic Elastomeric coating cures harder than traditional elastomeric coatings on the outermost surface, giving this product much better resistance to dirt accumulation.

Properties (Confirmed to ASTM D 6083)

Properties	Value	Test Method
Color	White	
Solids by weight	>70%	
Density	1.18 Kg/l	
Hardness	60 Shore A	ASTM D-2240
Tensile Strength	2.8 Mpa	ASTM D-412
Elongation	>450 %	ASTM D-412
Flash Point	None	
VOC	≤ 50 g/L	ASTM D 2369
Application temperature	5° - 50 °C @Less than 85% relative humidity	
Coverage	Minimum 0.6 Kg/ m² /500 micron DFT	
Dry Time	Dry to touch in 4 - 6 hours and Full cure 12 hours.	
Shelf Life	12 months @ 40°-90°F	

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

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

Mix the contents of the pail well enough to remove any sediment .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.

(d) Coating Application

1. All roof-preparation materials must be allowed to dry prior to application of the ElastoSeal coating. Immediately prior to application of the coating, all dust, dirt and other contaminants should be blown off the roof surfaces using compressed air.
2. Apply well mixed Elastoseal at the rate of 0.6Kg/Sqm at the entire roof using a brush or roller by cross link technology or 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. While applying , back roll to force material in to voids and even out film.
4. Do not apply if rain is threatening. Do not apply if ambient and surface temperatures are within 5 degrees of the dew point and falling.

Packing: 20 Litre Pail

Storage : Store materials under covered roof 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.

Environmental Health and Safety Information

ElastoSeal is completely environmental friendly product and don't produce any harmful fumes or vapour to human being. For more details refer most updated version MSDS of the product

Warranty

As a part of the ORGANIX EXTREME ROOF-COMBO on preapproved, qualified applications, when use an approved applicator, a 25-year warranty is available. Contact OBS for complete warranty information.

engineered to perform

ORGANIX BUILDING SYSTEM
Tel: +971 4 3366485, Fax +971 4 3343735
Dubai - U.A.E., E : info@organixbs.com
www.organixbs.com