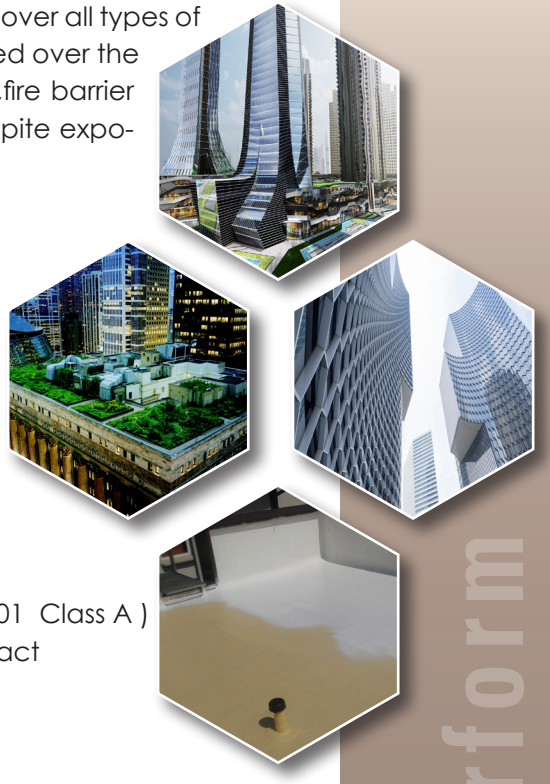
DryTEX **THERMSHIELD.** IB-635

Elastomeric Protective Coating -Thermal & Ignition barrier system component

THERMSHIELD .IB635 is a fluid applied, white, flexible protective coating formulated with elastomeric resin which forms a membrane of protection that expands and contracts . THERMSHIELD .IB635 specifically formulated and designed to apply over all types of substrates from concrete , stones , metal . plastering and to be used over the spray on urethane thermal foam insulation as a waterproofing ,fire barrier and UV resistant protection. It will not crack, crumble, or peel despite exposure to severe weather or total joint movement.



FEATURES

- Completely seamless protective membrane
- High performance waterproofing and UV resistant
- Excellent Vapor barrier
- Energy Star rated product which saves Energy
- Optimum UV resistant & Protects corrosion
- Good resistance to alkalis, salt solutions and diluted acids
- Non-Hazardous Composition and Non combustible
- Low VOC, non-toxic and environmentally compliant
- Fire retardant and Ignition barrier (ASTM E 84 Class 1 & EN 13501 Class A)
- Thermal resistant , Resistant to movement and continuous contact with moisture
- Non toxic and high impact on building longevity
- Façade fire protection ,Watertight and wind tight
- Trafficable membrane after 48 hours of application
- Excellent chemical resistant

APPLICATION FIELD

Facades, Roof , Curtain wall , Terrace to act as a complete barrier against water , vapor, fire and UV. Typical application projects with maximum fire resistance requirements

PROPERTIES (Confirmed to ASTM D 6083)

Property	Value	Test Method
Color	White	
Solids by weight:	>70%	
Specific gravity	1.35 g/cc	
Hardness:	60 Shore A	ASTM D-2240
Tensile Strength	≥ 2.8 Mpa	ASTM D-412
Elongation:	> 400%	ASTM D-412
Flash Point:	None	
VOC	≤ 40 g/l	
Application temperature	5°C - 60°C @Less than 85% relative humidity	
Coverage:	1 Litre yields 2 sq.m area	
Dry Time:	Dry to touch in 4 - 6 hours, 12 - 24 hours full cure	
Shelf Life:	12 months	

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

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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.

(d) Coating Application

All roof-preparation materials must be allowed to dry prior to application of the THERM-SHIELD IB635 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. Apply THERMSHIELD IB 635 at a rate of 2 sq.m per 1 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.

PACKING: 20 LITRE PAIL

STORAGE: Store materials between 10°C-50°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 24 months.

WARRANTY On preapproved, qualified applications, when you use an approved applicator, a 25-year warranty is available. Contact us for complete warranty information.

HEALTH AND SAFETY Keep out of reach of children. Ensure to maintain good ventilation during application and drying process. In case of skin contact, wash with soap and water or a recognized skin cleaner. Avoid contact with eyes. In case of contact with eyes rinse immediately with running water and seek medical advice. If product is ingested drink plenty of water or milk. Do not induce vomiting at any time. Seek medical advice. Refer to the Material Safety Data Sheet (MSDS) for detailed information about the product and transportation and classification criteria.

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