

THERMO-FLEX™

ACRYLIC COATING SYSTEMS

Thermo-Flex TF 9000

Barrier to Ignition Coating System

Rev. Date: 05/13/09

Product Design

Thermo-Flex TF 9000 Barrier to Ignition Coating System is an interior ignition barrier coating for spray polyurethane foam insulation.

TF 9000 is a water based latex system that dries quickly and reaches maximum properties in under 21 days. TF 9000 is designed to be a long term protective barrier over polyurethane foam to prevent surface ignition due to a flame source. This product will inhibit or prevent the start and spread of flame encountered on the surface.

Product Use

TF 9000 is formulated for application over closed cell spray-applied polyurethane foam. This product was successfully tested using SwRI 99-02 for use in non-living space environments such as attics and crawl spaces.

Product Application

All surfaces should be dry, clean and free from foreign matter. TF 9000 can be applied by brush, roller or sprayer. This product should be applied in two coats to prevent holidays to a final dry film thickness of 7 mils. Product cleans up easily with water. For further application details, please contact manufacturer. Do not apply when temperatures are below 50°F, expected to drop below freezing or when rain is forecast. Do not store in areas that may be subjected to freezing temperatures.

Processing Parameters

Thermo-Flex 1000 is a water-based elastomeric acrylic coating which will freeze and become unusable at temperatures below 32°F. PROTECT FROM FREEZING DURING SHIPMENT AND STORAGE. Do not store material at temperatures below 50°F. Do not apply Thermo-Flex 1000 when ambient air and substrate temperatures fall below 50°F or when there is a possibility of temperature dropping below 32°F within a 24-hour period after application.

Product Advantages

- ENVIRONMENTALLY SAFE
- EXCELLENT ADHESION
- EXCELLENT DIRT RESISTANCE
- EASE OF APPLICATION

Physical Properties

Properties	Test Method/ Requirements	Value
Standard Colors:		STANDARD COLORS: TF 9000 – WHITE
Texture:		Smooth
Grade:		Spray, Brush, or Roll
Solids by Weight:	ASTM D1644	59% (±3)
Solids by Volume:	ASTM D 2697	44% (±3)
Weight per Gallon:	ASTM D1475	11.32 (± .2)
Viscosity (cps):	ASTM D 562	90-110 K.U.
Codes/Approvals:	SwRI 99-02	Pass

General Safety, Toxicity, Health Data

Storage: The minimum recommended storage temperature for this material is between 5°C/40°F and 32°C/90°F. Keep from freezing, material may coagulate.

Personal Protection: Use safety glasses and chemically resistant gloves when handling materials.

First Aid

Inhalation: Move person to fresh air. Consult a physician.

Eye Contact: Irrigate with water for 15 minutes. Consult a physician if irritation persists.

Skin Contact: Remove contaminated clothing. Wash affected skin areas thoroughly with soap and water. Consult a physician if irritation persists.

Ingestion: If swallowed, give 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Consult a physician.

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