



TECHNICAL DATA SHEET

Stayflex™ 2505 Thermal Barrier Coating

Product Description

The Stayflex™ 2505 thermal barrier coating is a spray-applied, polymer-based coating specifically developed as a thermal barrier for application over Staycell® 245-2.0 spray-applied polyurethane foam insulation. It can be applied at 1/16" (.0625") in one coat and returned to service within eight hours or less.

- Fast cure, short downtime
- Low VOCs
- Excellent chemical and moisture resistance
- Acceptable for use in USDA/FDA inspected facilities

Product Characteristics

Finish:	Matte
Color:	White, Black, Brown, Tan, Gray, Red
Mix Ratio:	67-1
Solids Content:	96%
VOC Content:	
Coating Category:	INDUSTRIAL MAINTENANCE COATINGS
Product VOC Content:	73 g/L *

*Grams of VOC per liter of coating as applied per EPA Method 24

Applied Thickness:	1/16 inch (minimum).
Coverage:	25 sq ft/gal @ 1/16 inch
Application Temperature:	35° F. to 100° F.
Service Temperature:	-40° F. to 180° F.
Weight:	.50 pounds per sq ft @1/16 inch
Water Vapor Transmission:	Method: ASTM E-96 Result: .09 perms @1/16 inch

Fire Ratings:	Method: ASTM E-84
Flame Spread	15
Smoke Development	250
Performance when tested over Staycell™ 245-2.0 polyurethane foam in accordance with full-scale fire tests.	Method: UL 1715 Result: Complies with UL 1715; No flame propagation.
Specific Gravity:	1.55
Clean Up:	Acetone

Handling & Storage

Store drums in a cool area and out of direct sunlight so Stayflex™ 2505 is maintained at 77°F or lower to avoid polymerization which will cause the material to be unsuitable for use.

Shelf Life

Uncatalyzed Stayflex™ 2505 is stable for three (3) months when at temperatures of 77°F or below in a closed, opaque container out of direct sunlight or direct sources of heat. Do not add catalyst directly in the drum. The catalyst must be incorporated as a separate component in accordance with specific application instructions.

Disclaimer:

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