



TECHNICAL DATA SHEET

Staycoat® 2510 Gelcoat Topcoat

Product Description

The Staycoat® 2510 Gelcoat Topcoat coating is a spray-applied, polymer-based coating specifically developed for application over the Stayflex® 2505 Thermal Barrier Coating. It can be applied in one coat and returned to service within eight hours or less.

Features

- Fast cure
- High gloss finish with excellent washability
- Excellent chemical and moisture resistance
- Acceptable for use in USDA/FDA inspected facilities
- Good color stability

Product Characteristics

Finish:	Gloss
Color:	White, Black, Brown, Tan, Gray, Red
Mix Ratio:	67-1
VOC Content:	
Coating Category:	INDUSTRIAL MAINTENANCE COATINGS
Product VOC Content:	<250 g/L *

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

Applied Thickness:	10 – 25 mils (.010 - .025")
Coverage:	160 sq ft/gal @ .010 inches
Application Temperature:	35° F. to 100° F.
Service Temperature:	-40° F. to 180° F.
Specific Gravity:	1.25
Clean Up:	Acetone

Liquid Properties

Gel time @ 77 degrees F.:	20 minutes
Viscosity @ 77 degrees F.:	2300-2900 CPS (LVF #4 @ 60 RPM)
Thix index (6/60):	5.0-6.0
Weight per gallon:	9.8 pounds

Application Properties

Primer	None required	
Film cure @ 77 degrees F.:	40-60 minutes	
Patchability:	Good	
Hide @ 10 Mils:	Complete	
Tensile Properties:	ASTM D-638 IV	
	Elongation	2.8-3.5%
	Tensile Strength	6,000-8,500 PSI
	Modulus of Elasticity	0.25-0.33 x 10 ⁶

Barcol Hardness: (Barber Coleman impressor) 38-45

Handling & Storage

Store drums in a cool area and out of direct sunlight so Staycoat® 2510 is maintained at 77°F or lower to avoid polymerization which will cause the material to be unsuitable for use.

Shelf Life

Uncatalyzed Staycoat® 2510 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.

Limited Warranty Information

The information herein is to provide assistance in determining the suitability of our products for specific applications. Our products are only intended for sale to PSI Authorized Applicators. Customers of our products assume full responsibility for quality control, testing and determination of suitability of products for their intended application or use. We warrant that our products meet our written liquid component specifications. We make no other warranty of any kind, either express or implied, by fact or law, including any warranty of merchantability or fitness for a particular purpose. Our total liability and customers' exclusive remedy for all proven claims is to receive replacement of nonconforming products and in no event shall PSI be liable for any other damages.

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