

# PARACOAT® HS ROOF COATING

## Commercial Product Data Sheet



Paracoat HS Roof Coating is a multi-component, fast curing, flexible PMMA roof coating that when applied over approved Siplast roof systems, provides enhanced resistant to exterior fire exposure.

Contact Siplast for specific information on approved product uses.

### USES: PMMA ROOF COATING

Standard Color	White (#9010)
Conditions at Time of Application	<b>Ambient Temperature:</b> 32°F - 95°F (0°C - 35°C)  <b>Substrate Temperature:</b> 32°F - 104°F (0°C - 40°C)
Typical Set/Cure Times at 68°F (20°C)	<b>Rainproof:</b> 30 minutes  <b>Stress Resistant:</b> 2 hours
Pot Life (Resin at 68°F [20°C])	15 minutes
VOC Content	< 50 g/L (catalyzed)

### PRODUCT INFORMATION

#### Application

Refer to the applicable Siplast Technical or Installers Guide for detailed application information, including application/coverage rates. Product must be catalyzed with Pro Catalyst Liquid before use. See mixing charts that are supplied with Pro Catalyst products.



#### Storage and Handling

Store indoors in well-ventilated, cool, dry area away from heat, open fire, ignition sources, direct sunlight, oxidizing agents, strong acids, and strong alkalis. Do not store below 32°F (0°C). Product may auto-polymerize at temperatures greater than 140°F (60°C). Store jobsite materials on pallets in a shaded, well-ventilated area. Shelf life is 12 months when stored at 77°F (25°C). Storage at higher temperatures will reduce shelf life.

See product packaging and the Safety Data Sheet for specific information on the safe handling of this product.

#### Packaging

Packaging: 10 kg (22 lb) resealable metal drums  
Units Per Pallet: 36

#### Listings, Approvals, & Certifications



**PHYSICAL AND MECHANICAL PROPERTIES**

Property	Values/Units	Test Method
Average Dry Film Thickness (when applied at 1.8 kg/m <sup>2</sup> )	50 mils	ASTM D 5147
Peak Load @ 73°F (minimum)	400 psi	ASTM D 412
Ultimate Elongation @ 73°F (minimum)	200%	ASTM D 412
Water Swelling (maximum)	3%	ASTM D 6083
Solar Reflectance (White #9010) (initial)	0.88	ASTM C 1549
Thermal Emittance (White #9010) (initial)	0.90	ASTM C 1371
Solar Reflectance Index (SRI) (White #9010) (initial)	111	CRRC Formula

**PRO CATALYST LIQUID MIXING CHART**

Resin Quantity	Substrate Temperature 59°F to 104°F (15°C to 40°C)				Substrate Temperature 41°F to 59°F (5°C to 15°C)				Substrate Temperature 32°F to 41°F (0°C to 5°C)			
	g	kg	Tbsp.	0.1-kg bags	g	kg	Tbsp.	0.1-kg bags	g	kg	Tbsp.	0.1-kg bags
1 kg (1 L)	20	0.02	2	n/a	40	0.04	4	n/a	60	0.06	6	n/a
5 kg (5 L)	100	0.1	10	1	200	0.2	20	2	300	0.3	30	3
10 kg (10L)	200	0.2	20	2	400	0.4	40	4	600	0.6	60	6
20 kg (20 L)	400	0.4	40	4	800	0.8	80	8	1200	1.2	120	12