



TERAPRO 250 RESIN/AGGREGATE

Commercial Product Data Sheet

Terapro 250 Resin/Aggregate is a liquid-applied, pigmented PMMA/aggregate blend, that when catalyzed, is used as pedestrian and vehicular traffic surface protection providing anti-skid properties.

Contact Siplast for specific information on approved product uses

USES: TERAPRO SYSTEM COMPONENT

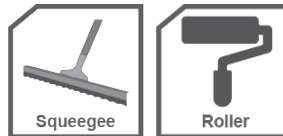
	Values / Units	Test Method
Shore A Hardness	85 – 90	ASTM D2240
Tensile	> 0.8 MPa	ASTM D638
Water Absorption*	< 0.25%	ASTM D570
Solids Content	> 98%	ASTM D2369
Aggregate Hardness	7.0	Mohs Scale
Surface Friction - Wet	86	ASTM E303
Surface Friction - Dry	94	ASTM E303
Density	0.07 lb/in ³ (1.84 g/cm ³)	
VOC	< 25 g/L (catalyzed) EPA Test Method 24	
Ambient & Substrate Temperature	32°F - 95°F (0°C - 35°C) with relative humidity up to 95%. See Installers Guide for detailed temperature ranges.	
Rain Proof	At 68°F (20°C): Approximately 30 minutes	
Stress Resistant	At 68°F (20°C): Approximately 2 hours	

*Tested for 24 hours at 73°F [23°C].

PRODUCT INFORMATION

Application

Application and coverage rates may vary depending upon the profile and absorbency of substrate. Refer to Siplast Installers Guide for specific applications.



Storage and Handling

Store indoors in a 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. Cover unshaded areas with reflective tarp that allows air circulation. Standard shelf life is 12 months; product life is reduced when stored at temperatures above 77°F (25°C).

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

Packaging

25-kg Resealable Metal Drum
Weight Per Pail: 55.11 lb (25 kg)
Pails Per Pallet: 36

TERAPRO 250 RESIN/AGGREGATE

Physical and Mechanical Properties



THICKNESS & COVERAGE PER PAIL

Coating Thickness*	Approx. Coverage per 25-kg Pail**
90 mils (2.29 mm)	57.5 ft ² (5.36 m ²)

*Approximate mil thickness over a smooth substrate. Average mil thickness at a specific application/coverage rate will vary depending upon substrate profile.

**Coverage rates to generate a desired mil thickness will vary depending upon substrate profile. Aggressive surface profiles will require an increased application rate to generate a desired mil thickness. Coverage rate values per pail do not account for waste or coverage.

PRO CATALYST POWDER MIXING CHARTS

Resin Quantity	Ambient Temperature Catalyst Quantity 32°F to 59°F (0°C to 15°C)		Ambient Temperature Catalyst Quantity 59°F to 95°F (15°C to 35°C)	
	Tbsp.	0.1-kg Bags	Tbsp.	0.1-kg Bags
1 kg (0.5 L)	1.6 (16g)	n/a	0.8 (8g)	n/a
12.5 kg (6.1 L)	n/a	2	n/a	1
25 kg (12.3 L)	n/a	4	n/a	2

Substrate temperature range for application of Terapro 250 Resin/Aggregate is 32°F to 95°F (0°C to 35°C)