

# 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

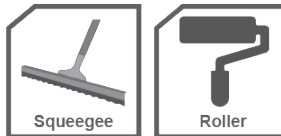
### USES: TERAPRO SYSTEM COMPONENT

	Values / Units	Test Method
Shore Hardness	65 – 70 A	ASTM D2240
Elongation at Break	> 300%	ASTM D638
Tensile	> 2.0 MPa	ASTM D638
Water Absorption	< 0.25%	ASTM D570 Method I (24h @ 73°F [23°C])
Solids Content	> 99%	ASTM D1644
Aggregate Hardness	7.0	Mohs Scale
Aggregate size	0.067 inch (1.7 mm)	
Surface Friction - Wet	75	ASTM E303
Surface Friction - Dry	94	ASTM E303
Density	0.07 lb/in <sup>3</sup> (2.04 g/cm <sup>3</sup> )	
VOC	< 150 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	

### 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 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 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.

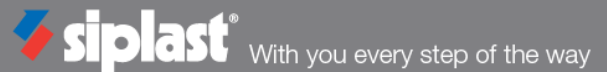
#### Packaging

25 kg resealable metal drum  
Weight Per Pail: 55.11 lb (25 kg)  
Pails Per Pallet: 36

Current copies of all Siplast Commercial Product Data Sheets & Safety Data Sheets are posted on our website at [www.siplast.com](http://www.siplast.com)  
Rev Date 11/29/2022

**TERAPRO 250 RESIN/AGGREGATE**

Physical and Mechanical Properties

**THICKNESS & COVERAGE PER PAIL**

Approx. Thickness*	Approx. Coverage per 25-kg Pail**
80 mils (2.03 mm)***	65 ft <sup>2</sup> (6.03 m <sup>2</sup> )
85 mils (2.16 mm)	61 ft <sup>2</sup> (5.68 m <sup>2</sup> )
90 mils (2.29 mm)	57.5 ft <sup>2</sup> (5.36 m <sup>2</sup> )
95 mils (2.41 mm)	54.5 ft <sup>2</sup> (5.08 m <sup>2</sup> )

\*Approximate mil thickness over a smooth substrate. Average mil thickness at a specific application/coverage rate will vary depending upon substrate profile. Multiple mil thickness values are listed due to specification requirements that may vary by customer.

\*\*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.

\*\*\*Indicates the minimum recommended thickness.

**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 (1 L)	2	n/a	1	n/a
10 kg (10 L)	n/a	2	n/a	1
20 kg (20 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)