



# TERAPRO 220 RESIN/AGGREGATE

## Commercial Product Data Sheet

Terapro 220 Resin Aggregate is a liquid-applied, pigmented PMMA/aggregate blend, that when catalyzed, is used as pedestrian traffic surface protection providing anti-skid properties.

Contact Siplast for specific information on approved product uses.

### USES: TERAPRO SYSTEM COMPONENT

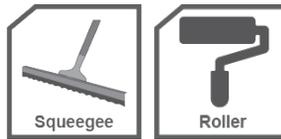
	Values / Units	Test Method
Shore A Hardness	90 – 95	ASTM D2240
Tensile	>3.0 MPa	ASTM D412
Water Absorption*	<0.25%	ASTM D570
Solids Content	>99%	ASTM D2369
Aggregate Hardness	7.0	Mohs Scale
Surface Friction - Wet	56	ASTM E303
Surface Friction - Dry	93	ASTM E303
Density	0.06 lb/in <sup>3</sup> (1.7 g/cm <sup>3</sup> )	
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

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



#### 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 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

**THICKNESS & COVERAGE PER PAIL**

Coating Thickness*	Approx. Coverage per 25-kg Pail**
45 mils (1.14 mm)	136 ft <sup>2</sup> (12.64 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.

\*\*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 (0.6 L)	1.6 (16g)	n/a	0.8 (8g)	n/a
12.5 kg (7.4 L)	n/a	2	n/a	1
25 kg (14.7 L)	n/a	4	n/a	2

Substrate temperature range for application of Terapro 220 Resin/Aggregate is 32°F to 95°F (0°C to 35°C)