

StreetBond® Pro 220

Technical Data Sheet

StreetBond Pro 220 Pavement Coating is a liquid-applied MMA resin-based system designed for use in pedestrian applications such as raised medians, plazas, pathways, and low volume vehicular traffic applications. StreetBond Pro 220 Pavement Coating offers exceptional durability, a fast return to service, and allows for cold climate application. See the StreetBond Pro Color Chart for available colors.

Contact StreetBond for information on approved product uses.

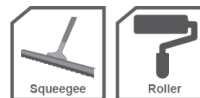
USES: MMA PAVEMENT COATING

| | Values/Units | Test Methods |
|---------------------------------|--|--------------------|
| 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 |
| Solids Content | > 99% | ASTM D1644 |
| Aggregate Hardness | 7.0 | Mohs Scale |
| Surface Friction - Wet | >50 | ASTM E303 |
| Surface Friction - Dry | >60 | ASTM E303 |
| Density | 0.061 lb/in ³ | |
| VOC | < 50 g/L (catalyzed) | |
| Ambient & Substrate Temperature | 32°F (0°C) - 95°F (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 \ absorbcency of substrate.



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).

Packaging

Weight Per Pail: 62.5 lbs (28.35 kg)
 Net Content: 25 kg
 Number of Pails Per Pallet: 36

Warranty

StreetBond products are covered under the StreetBond 1-Year Limited Warranty. See streetbond.com for complete coverage and restrictions. Additional coverage may be available for purchase for eligible projects. Please contact your GAF - StreetBond representative for details.

StreetBond Commercial Product Data Sheets are posted on our website at www.streetbond.com

PRODUCT INFORMATION

| Thickness & Coverage per Pail StreetBond Pro 220 | |
|---|---|
| Approx. Thickness* | Approx. Coverage per 25-kg Pail** |
| 45 mils (1.14 mm)*** | 136 ft ² (12.64 m ²) |
| 50 mils (1.27 mm) | 122 ft ² (11.38 m ²) |
| 55 mils (1.40 mm) | 111 ft ² (10.34 m ²) |
| 60 mils (1.52 mm) | 102ft ² (9.48 m ²) |

*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 Chart StreetBond Pro 220 | | | | |
|--|--|-------------|---|-------------|
| 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) | |
| | Tablespoons | 0.1-kg bags | Tablespoons | 0.1-kg bags |
| 1 kg | 2 | n/a | 1 | n/a |
| 12.5 kg | n/a | 2 | n/a | 1 |
| 25 kg | n/a | 4 | n/a | 2 |

Substrate temperature range for application of StreetBond Pro Resin is 32°F to 95°F (0°C to 35°C)