

ALSAN® RS

289 TEXTURED FINISH

ALSAN® RS 289
TEXTURED FINISH
PRODUCT # L-RS302C

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

ALSAN RS 289 Textured Base is a high performance, rapid-setting, polymethyl methacrylate (PMMA) liquid resin with integrally mixed aggregate. ALSAN RS 289 Textured Base is an unpigmented resin that must be mixed with a pre-measured and packaged ALSAN RS Color Additive.

STORAGE

Always store closed containers in cool, ventilated and dry location away from heat and oxidizing agent. Do not store in direct sunlight or in temperatures below 32°F (0°C) or above 77°F (25°C). Approximate shelf life is twelve months from date of shipment when properly stored, sealed and unmixed.

APPLICATION

Apply ALSAN RS 289 Textured Base is mixed with one ALSAN RS Color Additive and applied using a trowel and a roller. Prior to application, refer to published specifications, guidelines and recommendations for complete application instructions. For applications on slopes, ALSAN RS 289 Textured Base should be pre-mixed with ALSAN RS Liquid Thixo. The applicator is responsible for ensuring conditions are appropriate to proceed with proper application methods.



APPLICATION



ROLLER



TROWEL

COOL ROOF RATING

| PRODUCT | SOLAR REFLECTANCE | | THERMAL EMITTANCE | | SRI | |
|--|-------------------|--------------|-------------------|--------------|------------|------------|
| | 0.78 initial | 0.66* 3 year | 0.90 initial | 0.90* 3 year | 97 initial | 80* 3 year |
| ALSAN RS 289 Textured Base with White color pack | 0.78 initial | 0.66* 3 year | 0.90 initial | 0.90* 3 year | 97 initial | 80* 3 year |

*CRRC Rapid Ratings. Refer to Cool Roof Ratings Council (CRRC).

QUICK FACTS

| BASE UNIT SIZE* (kg) | AMBIENT TEMP (°F) | SUBSTRATE TEMP (°F) | RESIIN TEMP (F°) | POT LIFE (min) | RAIN PROOF (min) | NEXT LAYER (min) | FULLY CURED (hour) |
|----------------------|-------------------|---------------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| 13.5 (9 L) | 32-95 (0-35°C) | 32-122 (0-50°C) | 37-86 (3 to 30°C) | 15 at 68°F (20°C) | 45 at 68°F (20°C) | 60 at 68°F (20°C) | 3 at 68°F (20°C) |

*ALSAN RS 289 Textured Finish mixed with ALSAN RS Color Additive is 15 kg.



SOPREMA®

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TECHNICAL INFORMATION & TESTING

APPROXIMATE COVERAGE RATES

| SUBSTRATE PROFILE | 15 KG UNIT ft ² (m ²) | MINIMUM TOTAL CONSUMPTION kg/ft ² (kg/m ²) | TOTAL THICKNESS mils(mm) |
|--|---|---|-----------------------------|
| Light duty (light pedestrian traffic only) | 202 (18.7) | 0.07 (0.8) | 21 (0.53) |
| Medium duty (normal pedestrian traffic only) | 124 (11.5) | 0.12 (1.3) | 35 (0.87) |
| Heavy duty (vehicular traffic) | 89 (8.3) | 0.17 (1.8) | 48 (1.20) |

Catalyst quantity will range from 2-6% (by weight) dependent on the ambient temperature.

CATALYST MIXING CHART

| CATALYST REQUIRED | 6% Catalyst 32°F (0°C) to 50°F (10°C) | | 4% Catalyst 50°F (10°C) to 68°F (20°C) | | 2% Catalyst 68°F (20°C) to 95°F (35°C) | |
|----------------------|---|------|--|------|--|------|
| | 9 0.1 kg packets | | 6 0.1 kg packets | | 3 0.1 kg packets | |
| 1 kg | TBSP | kg | TBSP | kg | TBSP | kg |
| | | 6 | 0.06 | 4 | 0.04 | 2 |
| 1 liter (~1.5 kg) | 9 | | 6 | | 3 | |
| | | 0.09 | | 0.06 | | 0.03 |

PHYSICAL PROPERTIES

| PROPERTY | TEST METHOD |
|---|----------------------|
| Liquid density @ 73.4°F (23°C), lb/gal (g/ml) | ASTM D1475 |
| Viscosity, stormer type @ 77°F (25°C), KU (cps) | ASTM D562 (Method A) |
| Indentation hardness @ 73.4°F (23°C), Shore A | ASTM D2240 |
| Abrasion resistance, 4" disc, lb (mg) | ASTM D4060 |

* All data is represented by averages, unless noted otherwise.

TESTING & APPROVALS

FLORIDA BUILDING CODE