

ALSAN[®] RS 260 LO FLASH

PMA Liquid Resin For Flashing Applications



APPLICATIONS

ROOFS

PRODUCT DATA SHEET PD10241 - REV.230525

QUICK FACTS:

| WINTER FORMULATION | | | | | | | |
|--------------------|-------------------|---------------------|-----------------|----------------------|----------------------|--------------------|---------------------|
| UNIT SIZE (kg) | AMBIENT TEMP (°F) | SUBSTRATE TEMP (°F) | RESIN TEMP (°F) | POT LIFE (min) | RAIN PROOF (min) | NEXT LAYER (hours) | FULLY CURED (hours) |
| 12.5 (9.5 L) | 32-68 (0-20°C) | 32-68 (0-20°C) | 37-86 (3-30°C) | 15-20 at 68°F (20°C) | 45-60 at 68°F (20°C) | 1-2 at 68°F (20°C) | 5 at 68°F (20°C) |

| SUMMER FORMULATION | | | | | | | |
|--------------------|-------------------|---------------------|-----------------|----------------------|----------------------|----------------------|---------------------|
| UNIT SIZE (kg) | AMBIENT TEMP (°F) | SUBSTRATE TEMP (°F) | RESIN TEMP (°F) | POT LIFE (min) | RAIN PROOF (min) | NEXT LAYER (hours) | FULLY CURED (hours) |
| 12.5 (9.5 L) | 50-95 (10-35°C) | 50-122 (10-50°C) | 50-86 (10-30°C) | 15-20 at 68°F (20°C) | 30-45 at 68°F (20°C) | 1-1.5 at 68°F (20°C) | 4-7 at 68°F (20°C) |

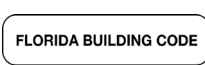
PRODUCT NUMBERS:

- RS260FSWH - Summer Formulation, Traffic White
- RS260FSPG - Summer Formulation, Pebble Grey
- RS260FWH - Winter Formulation, Traffic White
- RS260FPG - Winter Formulation, Pebble Grey

DESCRIPTION & FEATURES:

ALSAN RS 260 LO Flash is a high-performance, low odor, rapid-setting, polymethacrylate (PMA) liquid resin for use in flashing applications. **ALSAN RS 260 LO Flash** is catalyzed with **ALSAN RS Catalyst Powder** and combined with **ALSAN RS Fleece** reinforcing fabric to form a flexible, monolithic, reinforced membrane. This product is available in two standard colors, traffic white and pebble grey.

TESTING & APPROVALS:



APPLICATION:



ROLLER



BRUSH

Apply **ALSAN RS 260 LO Flash** with a brush or roller. Prior to application, refer to published specifications and approved details for complete application instructions. The applicator is responsible for ensuring conditions are appropriate to proceed with proper application methods.

Use a slow-speed (200 to 400 rpm) mechanical agitator, thoroughly mix the entire container of resin for two minutes before use, and prior to pouring resin off into a second container if batch mixing. Catalyze only the amount of material that can be used within 10-15 minutes. Add pre-measured catalyst to the resin component, stir for two minutes and apply to substrate. The amount of catalyst added is based on the weight of the resin. Refer to the catalyst information found on the lid label. Apply without dilution or thinning.



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STORAGE:

Always store closed containers in a cool, ventilated and dry location away from heat and oxidizing agents. 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.

TECHNICAL INFORMATION & TESTING:

| APPROXIMATE COVERAGE RATES | | | | | | | |
|---|---|---|---|--|---------------------------------|------------------------|-----------------------|
| SUBSTRATE PROFILE | 12.5 KG UNIT ft ² (m ²) | MINIMUM TOTAL CONSUMPTION kg/ft ² (kg/m ²) | BASE COMPONENT CONSUMPTION kg/ft ² (kg/m ²) | TOP COAT CONSUMPTION kg/ft ² (kg/m ²) | TOTAL THICKNESS mils (mm) | BASE COAT mils (mm) | TOP COAT mils (mm) |
| SMOOTH (primed substrate) | 44 (4.1) | 0.29 (3.0) | 0.18 (2.0) | 0.10 (1.0) | 98 (2.5) | 63 (1.6) | 35 (0.9) |
| TYPICAL (CSP 3-4 & SBS sanded basesheet) | 40 (3.7) | 0.31 (3.3) | 0.21 (2.3) | | 106 (2.7) | 71 (1.8) | |
| GRANULATED | 35 (3.3) | 0.36 (3.8) | 0.25 (2.8) | | 122 (3.1) | 87 (2.2) | |
| ROUGH (CSP 5) | 31 (2.9) | 0.41 (4.3) | 0.31 (3.3) | | 140 (3.5) | 105 (2.7) | |

| CATALYST MIXING CHART | | | | | | | | | |
|--------------------------|--|-----------|--|-----------|--|-----------|---|-----------|--|
| CATALYST REQUIRED | SUMMER FORMULATION | | | | WINTER FORMULATION | | | | |
| | 4% Catalyst 50°F - 68°F (10°C - 20°C) | | 2% Catalyst 68°F - 95°F (20°C - 35°C) | | 6% Catalyst 32°F - 37°F (0°C - 3°C) | | 4% Catalyst 37°F - 50°F (3°C - 10°C) | | 2% Catalyst 50°F - 68°F (10°C - 20°C) |
| 12.5 KG CAN | 5 0.1 kg packets | | 2.5 0.1 kg packets | | 7 0.1 kg packets | | 5 0.1 kg packets | | 2.5 0.1 kg packets |
| 1 LITER (-1.3 kg) | 5 (tbsp) | 0.05 (kg) | 2.5 (tbsp) | 0.03 (kg) | 8 (tbsp) | 0.08 (kg) | 5 (tbsp) | 0.05 (kg) | 2.5 (tbsp) 0.03 (kg) |

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

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| PHYSICAL PROPERTIES | | | |
|--|------------------|------------------|-------------|
| PROPERTY | MD | XMD | TEST METHOD |
| Peak load @ 73.4°F (23°C) control, lbf/in (kN/mm) | 70 (12.3) | 60 (10.5) | ASTM D5147 |
| Elongation @ 73.4°F (23°C) control, % | 55 | 75 | ASTM D5147 |
| Peak load @ 73.4°F (23°C) post heat aging, lbf/in (kN/mm) | 80 (14.0) | 80 (14.0) | ASTM D5147 |
| Elongation @ 73.4°F (23°C) post heat aging, % | 50 | 65 | ASTM D5147 |
| Peak load @ 73.4°F (23°C) post acc. weathering, lbf/in (kN/mm) | 70 (12.3) | 75 (13.1) | ASTM D5147 |
| Elongation @ 73.4°F (23°C) post acc. weathering, % | 55 | 65 | ASTM D5147 |
| Peak load @ 0°F (-18°C), lbf/in (kN/mm) | 175 (30.6) | 150 (26.3) | ASTM D5147 |
| Elongation @ 0°F (-18°C), % | 60 | 70 | ASTM D5147 |
| Tear resistance, lbf (N) | 80 (356) | 75 (334) | ASTM D5147 |
| Dimensional stability, % | 0.1 | 0.1 | ASTM D5147 |
| Static puncture resistance, lbf (N) | Pass 56 (249) | | ASTM D5602 |
| Shore A hardness, durometer | 73 | | ASTM D2240 |
| Water absorption @ 212°F (100°C), % | 0.7 | | ASTM D570 |
| Water vapor permeance, perms | 0.2 | | ASTM E96 |
| Low temperature flexibility, °F (°C) | Pass -33 (-36.1) | Pass -33 (-36.1) | ASTM D7264 |
| Low temperature crack bridging | No cracks | | ASTM C1305 |
| Self-ignition, °F (°C) | 770 (410) | | ASTM D1929 |
| Smoke density index | 300 | | ASTM E84 |
| Rate of burning, in/min (m/hr) | 0.8 (1.2) | | ASTM D635 |

NOTE: Data is represented by average values, unless noted otherwise.

SUSTAINABILITY:



| PRODUCT | VOC CONTENT LOW EMITTING | SOLAR REFLECTANCE | | THERMAL EMITTANCE | | SRI | |
|---|-----------------------------|------------------------|-----------------------|------------------------|-----------------------|-----------------------|---------------------|
| ALSAN RS 260 LO Flash (Traffic White RAL 9016) | < 5 g/L | 0.84 initial | 0.67 3 year | 0.86 initial | 0.87 3 year | 105 initial | 81 3 year |