

ALSAN® RS 222 PRIMER

Rapid-Setting PMMA Primer



APPLICATIONS

ROOFING

PRODUCT DATA SHEET PD10232 - REV 240110

PRODUCT NUMBERS:

- L-RS001C - **10 kg (9.6 L) Pail**
Requires the addition of ALSAN RS CATALYST.

DESCRIPTION & FEATURES:

ALSAN RS 222 PRIMER is a rapid-setting, proprietary formulation polymethyl methacrylate (PMMA) primer.

ALSAN RS 222 PRIMER is used to promote adhesion of ALSAN RS roofing components to approved substrates.

ALSAN RS 222 PRIMER is also provides excellent resistance to asphalt bleed through.

- UV stable, high solids and VOC-compliant
- Rapid curing and easy application provides same-day installation
- Approved for use on asphaltic surfaces, roof cover boards, concrete, masonry, wood and other substrates

MIXING INSTRUCTIONS & CATALYZING:

Using a slow-speed (200 to 400 rpm) mechanical agitator, thoroughly mix the entire container of resin for two minutes before use. Only catalyze the amount of material that can be used within 10-15 minutes. Add the pre-measured catalyst to the resin component and stir for two minutes and apply to the substrate. Refer to the catalyst information found on the second page of this PDS. Apply without dilution or thinning.

APPLICATION:



BRUSH



ROLLER

After mixing, apply **ALSAN RS 222 PRIMER** to substrate at the required consumption using a 3/8 in nap roller or brush. The resin should be applied evenly onto the surface using care not to spread too thin or pool in low areas.

Refer to the ALSAN RS Roofing Technical Manual for additional application guidelines.

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 55°F (13°C) or above 80°F (27°C). Approximate shelf life is 12 months from date of shipment when properly stored, sealed and unmixed.

LIMITATIONS:

SOPREMA advises that adhesion/peel tests be performed prior to application to ensure adequate bond can be achieved.

Recommended minimum cure and maximum re-coat times should be followed for all primers. When the primer is left exposed to the elements for longer than the recommended period or has been contaminated or damaged beyond cleaner or repair, the primer must be completely removed and re-applied.

TESTING & APPROVALS:



FLORIDA BUILDING CODE

MIAMI-DADE COUNTY
APPROVED

NOA # 20-0908.05

WARRANTY:

For more information refer to www.SOPREMA.us or contact your SOPREMA representative.

SUSTAINABILITY



VOC CONTENT
LOW EMITTING

< 5 g/L



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PRODUCT MIXING & WORKING TIMES:

WORKING TIMES & TEMPERATURES*	
PROPERTY	VALUE
Ambient temperature, °F (°C)	32 - 95 (0 - 35)
Substrate temperature, °F (°C)	32 - 122 (0 - 50)
Resin temperature, °F (°C)	37 - 86 (3 - 30)
Pot life @ 68°F (20°C), min	15
Rain proof @ 68°F (20°C), min	30
Next layer @ 68°F (20°C), min	30
Fully cured @ 68°F (20°C), hours	3

* All working and cure times are approximate and may vary upon wind, humidity and ambient/surface temperatures.

CATALYST MIXING CHART*						
CATALYST REQUIRED	6% CATALYST 32°F - 50°F (0°C - 10°C)		4% CATALYST 50°F - 68°F (10°C - 20°C)		2% CATALYST 68°F - 95°F (20°C - 35°C)	
10 KG CAN	6 (0.1 kg) packets		4 (0.1 kg) packets		2 (0.1 kg) packets	
1 LITER (~1.8 kg)	6 (tbsp)	0.06 (kg)	4 (tbsp)	0.04 (kg)	2 (tbsp)	0.02 (kg)

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

APPROXIMATE COVERAGE RATES*			
SUBSTRATE PROFILE	10 KG UNIT ft ² (m ²)	COVERAGE kg/ft ² (kg/m ²)	MINIMUM THICKNESS mils (mm)
SMOOTH (CSP 1 or primed substrate)	269 (25)	0.037 (0.4)	15 (0.38)
SANDED SBS BASESHEET (CSP 4)	215 (20)	0.046 (0.5)	
SBS GRANULATED SHEET (CSP 5)	179 (16.6)	0.055 (0.6)	
ROUGH (CSP 6)	134 (12.5)	0.075 (0.8)	

* All values are nominal. Coverage rates may vary depending on substrate conditions and the application techniques.

TECHNICAL INFORMATION & TESTING:

PHYSICAL PROPERTIES*		
PROPERTY	VALUE	ASTM TEST METHOD
Technology	Polymethyl methacrylate (PMMA)	-
Color	White	-
Liquid density @ 73.4°F (23°C), lb/gal (g/ml)	8.7 (1.04)	D1475
Viscosity, stormer type @ 77°F (25°C), KU (cps)	64 (400)	D562 (Method A)
Shore A hardness, durometer	78	D2240
Flash point, °F (°C)	35.6 (2)	D93
Cleanup	Alsan RS Cleaner	-
Shelf life, months	12	-
VOC content, g/L	< 5	EPA Method 24

* Data is represented by average values, unless noted otherwise.

