

# ALSAN<sup>®</sup> RS 222 PRIMER

Rapid-Setting PMMA Primer



APPLICATIONS

ROOFS

PRODUCT DATA SHEET PD10232 - REV.220817

## QUICK FACTS:

AMBIENT TEMP (°F)	SUBSTRATE TEMP (°F)	RESIN TEMP (°F)	POT LIFE (min)	RAIN PROOF (min)	NEXT LAYER (min)	FULLY CURED (hour)
32-95 (0-35°C)	32-122 (0-50°C)	37-86 (3-30°C)	15 at 68°F (20°C)	30 at 68°F (20°C)	30 at 68°F (20°C)	3 at 68°F (20°C)

SOLAR REFLECTANCE	THERMAL EMITTANCE	SRI
0.68 initial	0.88 initial	82 initial

NOTE: Testing was conducted over a sanded SBS base sheet.

## PRODUCT NUMBERS:

- L-RS001C - 10 kg (9.5 L)

## DESCRIPTION & FEATURES:

ALSAN<sup>®</sup> RS 222 Primer is a white rapid-setting, proprietary formulation polymethyl methacrylate (PMMA) primer. ALSAN<sup>®</sup> RS 222 Primer is utilized to promote adhesion over asphaltic surfaces, roof cover boards, wood and other substrates prior to application of ALSAN RS roofing, waterproofing and flashing systems. ALSAN<sup>®</sup> RS 222 Primer reduces the possibility of staining that can occur with ALSAN RS applied directly over asphaltic built-up roofing, asphaltic coatings or asphaltic residue.

## STORAGE:

Always store closed containers in cool, ventilated and dry locations 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 twelve months from date of shipment when properly stored sealed and unmixed.

## TESTING & APPROVALS:



FLORIDA BUILDING CODE

## APPLICATION:



BRUSH



ROLLER

ALSAN<sup>®</sup> RS 222 Primer is applied via brush or roller. Prior to application, refer to published specifications, guidelines and recommendations 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 this document. Apply without dilution or thinning.



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## TECHNICAL INFORMATION & TESTING:

APPROXIMATE COVERAGE RATES			
SUBSTRATE PROFILE	10 KG UNIT ft <sup>2</sup> (m <sup>2</sup> )	COVERAGE kg/ft <sup>2</sup> (kg/m <sup>2</sup> )	MINIMUM THICKNESS mils (mm)
<b>SMOOTH</b> (CSP 3)	269 (25)	0.037 (0.4)	15 (0.38)
<b>SANDED SBS BASESHEET</b> (CSP 4)	215 (20)	0.046 (0.5)	15 (0.38)
<b>GRANULATED SBS MEMBRANE</b>	179 (16.6)	0.055 (0.6)	15 (0.38)
<b>ROUGH</b> (CSP 5)	134 (12.5)	0.075 (0.8)	15 (0.38)

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)	
<b>10 KG CAN</b>	6 0.1 kg packets		4 0.1 kg packets		2 0.1 kg packets	
<b>1 KG (-1 liter)</b>	6 (tbsp)	0.06 (kg)	4 (tbsp)	0.04 (kg)	2 (tbsp)	0.02 (kg)

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

PHYSICAL PROPERTIES			
PROPERTY		TEST METHOD	
<b>Liquid Density @ 73.4°F (23°C)</b> , lb/gal (g/ml)	8.7 (1.04)	ASTM D1475	
<b>Viscosity, Stormer Type @ 77°F (25°C)</b> , KU (cps)	64 (400)	ASTM D562 (Method A)	
<b>Indentation Hardness @ 73.4°F (23°C)</b> , Shore A	78	ASTM D2240	
<b>Color</b>	White	-	

## SUSTAINABILITY:



**VOC CONTENT**  
LOW EMITTING

< 5 g/L

