

ALSAN[®] RS PASTE

PMMA Heavy Paste



APPLICATIONS

ROOFING

WATERPROOFING

PRODUCT DATA SHEET PD10253 - REV 240123

PRODUCT NUMBERS:

- L-RS224 - **15 kg (10.6 L) Pail**
- * *Requires the addition of ALSAN RS CATALYST.*

DESCRIPTION & FEATURES:

ALSAN RS PASTE is a rapid-setting, proprietary formulation polymethyl methacrylate (PMMA) heavy paste. **ALSAN RS PASTE** is used to fill small cracks, depressions and voids in non traffic bearing horizontal or vertical substrates after priming and prior to application of ALSAN RS and ALSAN TRAFIK RS systems. **ALSAN RS PASTE** can also be used to smooth out laps on ALSAN RS 230 and ALSAN RS 260 membranes when applying aesthetic top coats or surfacing on roofing and non-traffic bearing waterproofing applications.

MIXING INSTRUCTIONS

Using a slow-speed (200-400 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, stir for two minutes and apply to substrate. The amount of catalyst required is determined by resin weight and ambient temperature. Refer to the catalyst information below.

APPLICATION:



TROWEL



PUTTY
KNIFE

Apply ALSAN RS Paste to clean and prepare substrate using a trowel or putty knife. The resin should be spread evenly onto the surface.

Refer to the ALSAN RS Roofing or
ALSAN TRAFIK RS Waterproofing Technical Manuals
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:

ALSAN RS PASTE should not be used for substrate repairs on pedestrian or vehicular traffic bearing ALSAN TRAFIK RS systems.

TESTING & APPROVALS:



NOA # 20-0825.11

WARRANTY:

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



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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 - 20
Rain proof @ 68°F (20°C), min	30
Next layer @ 68°F (20°C), min	60
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)
15 KG CAN	9 (0.1 kg) packets		6 (0.1 kg) packets		3 (0.1 kg) packets
1 LITER (~1.4 kg)	8 (tbsp)	0.08 (kg)	6 (tbsp)	0.06 (kg)	3 (tbsp) 0.03 (kg)

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

APPROXIMATE COVERAGE RATES	
COVERAGE kg/ft² (kg/m²)	2 KG UNIT ft² (m²)
0.13 (3.01)	7 (0.65)

TECHNICAL INFORMATION & TESTING:

PHYSICAL PROPERTIES*		
PROPERTY	VALUE	ASTM TEST METHOD
Technology	Polymethyl methacrylate (PMMA)	-
Color	Pebble grey	-
Liquid density @ 73.4°F (23°C), lb/gal (g/ml)	11.6 (1.39)	D1475
Viscosity, stormer type @ 77°F (25°C), KU (cps)	> 144 (> 5000)	D562 (Method A)
Shore A hardness, durometer	64	D2240
Abrasion resistance, 4 in disc, lb (mg)	0.00013 (57)	D4060
Cleanup	Alsan RS Cleaner	-
Shelf life, months	12	-
VOC content, g/L	< 10	EPA Method 24

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