

ALSAN® TRAFIK RS 781 CL

Rapid-Setting PMMA Clear Finish Resin

PRODUCT DATA SHEET PD10244 - REV 240219



APPLICATIONS

WATERPROOFING

PRODUCT NUMBERS:

- 00514194 - 10 kg (9.9 L) Pail
Requires the addition of ALSAN RS CATALYST.

DESCRIPTION & FEATURES:

ALSAN TRAFIK RS 781 CL (Clear Finish) is a rapid-setting, proprietary formulation polymethyl methacrylate (PMMA) clear finish resin. **ALSAN TRAFIK RS 781 CL** is utilized as a sealer layer coat when colored silica quartz aggregate or vinyl chips are used.

- High-performance, UV-stable, abrasion-resistant topcoat
- Rapid curing and easy application provides same-day installation
- Excellent chemical and corrosion resistance

MIXING INSTRUCTIONS & CATALYZING:

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:



ROLLER



BRUSH



FLAT OR
NOTCHED
SQUEEGEE

ALSAN TRAFIK RS 781 CL is applied with a roller, brush or flat blade squeegee. 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.

Refer to SOPREMA's published technical literature for additional application guidelines.

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 (12.7°C) or above 80°F (26.6°C). Approximate shelf life is twelve months from date of shipment when properly stored, sealed and unmixed.

LIMITATIONS:

For vertical substrates or slopes exceeding 1.5:12, ALSAN TRAFIK RS resins should be pre-mixed with ALSAN RS LIQUID THIXO. The amount of thixotropic additive needed will vary by slope and temperature, refer to the ALSAN TRAFIK RS Technical Manual for specifications and recommendations.



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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 - 45
Next layer @ 68°F (20°C), min	45 - 60
Fully cured @ 68°F (20°C), hour	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 kg)	6 (tbsp)	0.06 (kg)	4 (tbsp)	0.04 (kg)	2 (tbsp)	0.02 (kg)

APPROXIMATE COVERAGE RATES*			
SUBSTRATE PROFILE	10 KG UNIT ft ² (m ²)	MINIMUM TOTAL CONSUMPTION kg/ft ² (kg/m ²)	TOTAL THICKNESS mils (mm)
AGGREGATE #1	142 (13.2)	0.07 (0.7)	30 (0.76)
AGGREGATE #0	166 (15.4)	0.06 (0.6)	26 (0.66)
SMOOTH	200 (18.6)	0.05 (0.5)	23 (0.58)

* 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	Beige base resin / pigmented once color additive is added	-
Flash point, °F (°C)	35.6 (2)	
Density @ 73.4°F (23°C), lb/gal (g/ml)	8.7 (1.04)	D1475
Viscosity, stormer type @ 77°F (25°C), KU (cps)	34.65 (63)	D562 (Method A)
Indentation hardness @ 73.4°F (23°C), Shore A	99	D2240
Abrasion resistance, 4" disc, lb (mg)	0.000055 (25)	D4060
Cleanup	Alsans RS Cleaner	-
Shelf life, months	12	-
VOC content, g/L	< 5	EPA Method 24

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



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TESTING & APPROVALS:



CEMENTS AND
COATINGS FOR ROOFING
SYSTEMS AS TO EXTERNAL
FIRE EXPOSURE
65P7

SUSTAINABILITY



VOC CONTENT
LOW EMITTING

< 5 g/L

WARRANTY:

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