

ALSAN® TRAFIK RS 789 LT

Rapid-Setting Liquid Resin with Integrally Mixed Aggregate

PRODUCT DATA SHEET PD10460 - REV 240423



APPLICATIONS

WATERPROOFING

PRODUCT NUMBERS:

- 00513769 - **13.5 kg (11.6 L) Pail**
Requires the addition of ALSAN RS Color Additive and ALSAN RS Catalyst.

DESCRIPTION & FEATURES:

ALSAN TRAFIK RS 789 LT is a high-performance, rapid-setting, light-textured polymethyl methacrylate (PMMA) liquid resin with integrally mixed aggregate. **ALSAN TRAFIK RS 789 LT** is an unpigmented resin that must be mixed with a pre-measured and packaged ALSAN RS Color Additive.

- High-performance, UV-stable, abrasion-resistant topcoat
- Rapid curing and easy application provides same-day installation
- Excellent chemical and corrosion resistance
- Aggregate-infused formula for added slip resistance and durability for high-traffic areas

STORAGE:

Store the container in an upright position to prevent damage. Store in a clean, dry location and cover as necessary to protect from environmental damage such as extreme cold, heat or moisture. Storage temperature range should be between 55°F (12.7°C) and 80°F (26.6°C). Approximate shelf life is 12 months from date of shipment when properly stored, sealed and unmixed.

APPLICATION:



ROLLER



NOTCHED
TROWEL



V-NOTCH
RAKE

ALSAN TRAFIK RS 789 LT should be uniformly spread across the substrate with the required steel v-notch rake, notched trowel or 3/8 in nap roller, using a roller to remove puddles. Finish the topcoat by lightly rolling in one direction, slightly overlapping previously rolled sections to create a single uniform application. The same finish roller procedure and direction should be used throughout the entire application to produce the most consistent and uniform sheen possible. The applicator is responsible for ensuring conditions are appropriate to proceed with proper application methods.

Mixing Instructions and Catalyzing

Using a slow-speed (200 to 400 rpm) mechanical agitator, thoroughly mix the entire container of resin for two minutes. Add the entire contents of ALSAN RS Color Additive to **ALSAN TRAFIK RS 789 LT** and continue mixing for 2-5 minutes until a uniform streak-free color is achieved.

Combining color additive with **ALSAN TRAFIK RS 789 LT** does not affect shelf life or storage. 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, applying it to the substrate. Refer to the catalyst information found on the second page of this PDS. Apply without dilution or thinning.

Cleanup

Rollers will remain pliable and usable if they are kept moving in liquid resin. If allowed to sit, they will stiffen quickly as resin begins to cure. Rollers should be discarded once they harden. Roller handles and metal tools may be cleaned with ALSAN RS Cleaner.

Refer to SOPREMA's technical literature for additional details and application requirements.



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TECHNICAL INFORMATION & TESTING:

APPROXIMATE COVERAGE RATES			
SUBSTRATE PROFILE	15 KG WORK PACK ft ² (m ²)	MINIMUM TOTAL CONSUMPTION kg/ft ² (kg/m ²)	TOTAL THICKNESS mils (mm)
LIGHT DUTY	210 (19.5)	0.07 (0.8)	26.6 (0.67)

CATALYST MIXING CHART						
CATALYST REQUIRED	6% CATALYST 37°F - 50°F (3°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 (~1.14 kg)	9 (tbsp)	0.09 (kg)	6 (tbsp)	0.06 (kg)	3 (tbsp)	0.03 (kg)

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

PHYSICAL PROPERTIES		
PROPERTY	VALUE	ASTM TEST METHOD
Density @ 73.4°F (23°C), lb/gal (g/ml)	9.50 (1.14)	D1475
Viscosity, stormer type @ 77°F (25°C), KU (cps)	157 (7,300)	D562 (Method A)
Indentation hardness @ 73.4°F (23°C), Shore A	53.7	D2240
Tensile strength, psi	15.03	D412
Tear Strength, pli	102.84	D624, Die C
Dynamic Coefficient of Friction @ 68°F (20°C), TRL (55) slider	0.32	E303
Abrasion resistance, 4" disc, lb (mg)	0.00036 (163)	D4060
Cleanup	Alsan RS Cleaner	-

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

SUSTAINABILITY



RECYCLED CONTENT POST-CONSUMER	VOC CONTENT LOW EMITTING
20%	< 5 g/L

COOL ROOF RATING						
PRODUCT	SOLAR REFLECTANCE		THERMAL EMITTANCE		SRI	
ALSAN TRAFIK RS 789 LT with Signal white Color Additive CRRC Product ID: 0772-0058	0.78 Initial	0.63 3 year	0.90 Initial	0.90 3 year	97 Initial	76 3 year

CRRC published results for Solar Reflectance, Thermal Emittance and SRI results were tested and evaluated in accordance with ASTM C1549, C1371, E1980, D7897 and the CRRC-1 Product Rating Program Manual.

TESTING & APPROVALS:



FLORIDA BUILDING CODE

FL13806

WARRANTY:

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



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