

ALSAN® TRAFIK RS 733 SELF-LEVELING MORTAR

High-Performance, Rapid-Setting Liquid Resin Mortar



APPLICATIONS

WATERPROOFING

PRODUCT DATA SHEET PD10463A - REV 221128

PRODUCT NUMBERS:

- 00513770 - **10 kg (9.4 L) Pail (Summer)**
- 00513771 - **10 kg (9.4 L) Pail (Winter)**
- 00513772 - **23 kg bag packaged in 7-gallon plastic pail for mixing**

Requires the addition of ALSAN RS Catalyst.

DESCRIPTION & FEATURES:

ALSAN TRAFIK RS 733 Self-Leveling Mortar is created by combining ALSAN TRAFIK RS 733 Part A and ALSAN TRAFIK RS 733 Part B. **ALSAN TRAFIK RS 733 Self-Leveling Mortar** is a trowel-applied, rapid setting, polymethyl methacrylate (PMMA) resin-mortar used as a thick concrete patch prior to application of the ALSAN RS roofing systems or the ALSAN TRAFIK RS systems. **ALSAN TRAFIK RS 733 Self-Leveling Mortar** is also used as a traffic wear surfacing applied over ALSAN TRAFIK RS reinforced and unreinforced waterproofing systems.

- 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 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



PIN ROLLER

Thoroughly mix the entire pail of ALSAN TRAFIK RS 733 Part A (resin) for 2-3 minutes. Remove the ALSAN TRAFIK RS 733 Part B from the 7-gallon plastic pail, then pour ALSAN TRAFIK RS 733 Part A into the 7-gallon plastic pail. Using a slow-speed (200-400 rpm) mechanical mixer with a spiral agitator, slowly add the entire bag of ALSAN TRAFIK RS 733 Part B. Continue mixing for 2-5 minutes or until a smooth lump-free mortar is achieved. The mix ratio is 1 Part A (10 kg) to 2.3 Part B (23 kg).

Pour off and catalyze only the amount of material that can be applied within 10-15 minutes. Add ALSAN RS Catalyst based on published catalyst mixing rates. Once the catalyst is added to the mortar, mix for 2-3 minutes.

Apply the mortar to clean, prepared and primed substrate at the required coverage rate using a pin roller, stub roller, steel v-notch trowel or steel rake. Mortar should be uniformly spread across the substrate and rolled with a pin roller to knock down any high spots.

For complete application instructions refer to the ALSAN TRAFIK RS Trafficable Waterproofing Technical Manual

Cleanup

Rollers and trowels 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.



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TECHNICAL INFORMATION & TESTING:

APPROXIMATE COVERAGE RATES			
SUBSTRATE PROFILE	33 KG WORK PACK* ft ² (m ²)	MINIMUM TOTAL CONSUMPTION kg/ft ² (kg/m ²)	TOTAL THICKNESS mils (mm)
SMOOTH (CSP-3)	80 (7.4)	0.42 (4.5)	79 (2.0)
TYPICAL (CSP-4)	77 (7.2)	0.43 (4.6)	83 (2.1)
ROUGH (CSP-5)	74 (6.9)	0.44 (4.8)	87 (2.2)

CATALYST MIXING CHART										
CATALYST REQUIRED**	SUMMER FORMULATION				WINTER FORMULATION					
	4% CATALYST 50°-68°F (10°-20°C)		2% CATALYST 68°-95°F (20°-35°C)		6% CATALYST 23°-37°F (-5°-3°C)		4% CATALYST 37°-50°F (3°-10°C)		2% CATALYST 50°-68°F (10°-20°C)	
33 KG WORK PACK*	4 (0.1 kg) packets		2 (0.1 kg) packets		6 (0.1 kg) packets		4 (0.1 kg) packets		2 (0.1 kg) packets	
1 LITER (~1.8 kg)	3 (tbsp)	0.031 (kg)	1.5 (tbsp)	0.016 (kg)	5 (tbsp)	0.047 (kg)	3 (tbsp)	0.031 (kg)	1.5 (tbsp)	0.016 (kg)

* ALSAN TRAFIK RS 733 Self-Leveling Mortar requires combining one container of ALSAN TRAFIK RS 733 Part A (10 kg) with one bag of ALSAN TRAFIK RS 733 Part B (23 kg), creating a 33 kg work pack. The mixing ratio is 1 to 2.3 resin to filler, respectively.

** 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)	15.1 (1.8)	D1475
Viscosity, stormer type @ 77°F (25°C), KU (cps)	77 (690)	D562 (Method A)
Indentation hardness @ 73.4°F (23°C), Shore A	91	D2240
Abrasion resistance, 4" disc, lb (mg)	0.00045 (203)	D4060
Cleanup	ALSAN RS Cleaner	-

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

SUSTAINABILITY



VOC CONTENT LOW EMITTING
< 5 g/L

TESTING & APPROVALS:



FLORIDA BUILDING CODE

FL13086

WARRANTY:

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

