

ALSAN TRAFIK HP 515

TECHNICAL DATA SHEET 220621SCANE

(supersedes 210408SCANE)



WATERPROOFING

APPLICATIONS

PARKING DECKS

DESCRIPTION

ALSAN TRAFIK HP 515 is a two-component polyurethane-based resin, used as a primer on concrete. It ensures the proper adhesion of polyurethane resins and is used in the ALSAN TRAFIK BASE, ALSAN TRAFIK HP, ALSAN LIGHT TRAFIK and the ALSAN LIGHT TRAFIK ZERO systems.

RECOMMENDED SUBSTRATES

ALSAN TRAFIK HP 515 must be installed on a structural concrete substrate. Not suitable to be applied on plywood a substrate.

SURFACE PREPARATION

1. Concrete must be fully cured (28 days) with a minimum hardness of 24 MPa (3500 psi). Substrate should be clean, sound, dry and free of loose materials, grease, laitance and any contaminants which may compromise the performance of the product.
2. Concrete surface must be prepared to obtain concrete surface profile (ICRI CSP) of 3 or 4. To obtain such a profile, the use of special equipment such as shot blasting is recommended.
3. Concrete substrate should have a maximum internal moisture content of 75 % RH (ASTM F2170) and 1.5 kg/100 m²/24 h (ASTM F1869) and be prepared as required to provide proper adhesion of the system to the substrate with a minimum bond strength of 1.4 MPa (200 psi) as per CAN/CSA-A23.1-04/A23.2-04 section 6B (or ASTM D 7234).
4. Cracks of more than 1.6 mm (1/16 in) in width need to be repaired with SOPRASEAL SEALANT.
5. All upstands (walls, columns, etc) must also be prepared with SOPRASEAL SEALANT.

APPLICATION

Stir the contents of Part A and Part B separately for 2 to 3 minutes. Add Part B to Part A, making sure to incorporate the entire contents. Then mix together for 2 to 3 minutes to obtain a homogeneous consistency and immediately pour the mixture onto the substrate.

Apply ALSAN TRAFIK HP 515 with a roller or a flat squeegee.

Pot life after mixing is 50 minutes at a temperature of 20 ° C (68 ° F).

ALSAN TRAFIK HP 515 must be dry and tack free before applying the next coat (maximum recoat window: 36 h).

FOR COMPLETE INFORMATION ON PRODUCT INSTALLATION, PLEASE CONSULT YOUR SOPREMA REPRESENTATIVE.



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NOTE : All products manufactured by SOPREMA Inc. comply with the description and properties indicated in the technical data sheet that was current at the date of manufacture.

TDS_ALSAN_TRAFIK_HP_515.indd



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PACKAGING

Specifications		ALSAN TRAFIK HP 515
Physical state		Liquid
Colour		Transparent Brownish
Density @ 25 °C (77 °F)	(Part A) (Part B)	0.95 kg/L 1.22 kg/L
Packaging	(Part A) (Part B) Total (A+B)	6,79 L 5,71 L 12,5 L
Coverage, 250 µm (10 mils)	Kit (A+B)	48 m ² (500 pi ²)

(All values are nominal)

note: All coverage rates are approximate and may vary due to the application technique and surface roughness.

PROPERTIES

Properties		Standards	ALSAN TRAFIK HP 515
Brookfield viscosity @ 25 °C (77 °F)	(Part A) (Part B)	-	250 cP 125 cP
Teneur en solides		-	100 %
V.O.C. content		-	0 g/L
Bond strength		CAN/CSA A23.1-04/A23.2-04 Section 6B	3 MPa
Pot life @ 20 °C (68 °F)		-	50 min
Fully cured @ 20 °C (68 °F)		-	2-3 h

(All values are nominal)

note: For proper curing, minimum application temperature is 5°C (41°F) and it must be maintained for the length of curing process. The above drying times are for ideal application conditions. Drying times are longer at lower temperatures and/or lower relative humidity.



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STORAGE AND HANDLING

ALSAN TRAFIK HP 515 can be stored for up to 18 months when properly stored in the original containers.

Containers must NEVER BE STORED AT TEMPERATURES BELOW 10 °C (50 °F).

Harmful if ingested, inhaled or in contact with skin.

For more information, refer to the instructions on the container label and relevant safety data sheet (SDS).



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