



WATERPROOFING

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# ALSAN TRAFIK HP 530

TECHNICAL DATA SHEET 220405SCANE

(supersedes - )

## DESCRIPTION

ALSAN TRAFIK HP 530 is a one component aliphatic polyurethane resin available in grey and dark grey. It is used as a wearing course or as a topcoat in the ALSAN LIGHT TRAFIK system.

ALSAN TRAFIK HP 530 is applied only to one component aliphatic polyurethane resins and to ALSAN TRAFIK HP 515 and ALSAN FLOOR EP 101 primers.

## APPLICATION

Previously applied resins must be dry to the touch before applying ALSAN TRAFIK HP 530. It is important not to exceed the maximum recoat time indicated on the technical sheet of the previous resin.

Mix the resin for 2 à 3 minutes in order to obtain a homogeneous consistency.

With a roller, apply a coat of ALSAN TRAFIK HP 530 at a wet film thickness of **300 µm (13 mils)** onto the substrate. The resin must be evenly distributed over the surface.

(maximum recoat time: 36 h)

**Note :** • Wait 24 hours after application before allowing pedestrian traffic.  
• Wait 72 hours after application before allowing vehicular traffic.

### Non-slip finish (light)

When a non-slip finish is required, add silica sand (16 to 32 mesh) to the layer of ALSAN TRAFIK HP 530 once it's application is complete.

The silica sand must be broadcast in partial saturation on the wet coat.

The liquid coat must be then levelled using a roller, to fully encapsulate the aggregates.

**Note :** A second coat of ALSAN TRAFIK HP 530 can be applied once the previous coat has fully cured to increase the durability of the system (optional).

### Non-slip finish (robust)

In environments with heavy vehicular traffic or in places that are highly susceptible to mechanical shocks, such as driveways and ramps in underground parking garages, add silica sand (16 to 32 mesh) to ALSAN TRAFIK HP 530 once it's installation is complete.

The silica sand must be broadcast in full saturation on the wet coat.

Remove the excess once the product is dry with a broom or vacuum.

In order to complete the system, a topcoat or a second layer of ALSAN TRAFIK HP 530 must be applied once the first coat of ALSAN TRAFIK HP 530 has completely cured.

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



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1/2



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## PACKAGING

Specifications	ALSAN TRAFIK HP 530
Physical state	Self-leveling liquid
Colour	Grey Dark grey
Density, at 25 °C (77 °F)	1.08 kg/L
Volume	19 L
Coverage, at 300 µm (13 mils)	56 m <sup>2</sup> (600 pi <sup>2</sup> )/container

(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 530
Brookfield viscosity at 25 °C (77 °F)	-	2 000 cP
Teneur en solides	-	72 %
Elongation at break	ASTM D412	500 %
Tensile strength	ASTM D412	13 MPa
Hardness (Shore A)	ASTM D2240	96
Fully cured	-	> 24 hours

(All values are nominal)

Note: For proper curing, minimum application temperature is 10 °C (50 °F) and it must be maintained for the duration of curing process. The above drying times were obtained under ideal application conditions of 22 °C (72 °F) and 50% relative humidity. Curing time depends on temperature and relative humidity level.

## STORAGE AND HANDLING

ALSAN TRAFIK HP 530 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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2/2