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# ALSAN TRAFIK HP 540

TECHNICAL DATA SHEET 220324SCANE

(supersedes-)

## DESCRIPTION

ALSAN TRAFIK HP 540 is a one component transparent aliphatic polyurethane resin used as a top coat in ALSAN TRAFIK systems. ALSAN TRAFIK HP 540 can also be colored by adding ALSAN TRAFIK HP COLORANT pigment paste, which is available in nine (9) color choices. ALSAN TRAFIK HP 540 is applied to ALSAN TRAFIK HP polyurethane resins.

## APPLICATION

Previously applied ALSAN TRAFIK HP resins must be dry to the touch before applying the ALSAN TRAFIK HP 540 coat. It is important not to exceed the maximum recoat time indicated on the technical data sheet of the previous resin. Mix the resin for 2-3 minutes to achieve a smooth consistency and immediately pour the mixture onto the substrate. To obtain a colored finish, mix ALSAN TRAFIK HP COLORANT with ALSAN TRAFIK HP 540 for at least one minute using a low speed mixer (300-450 rpm) and a mixing paddle "Jiffy" type to ensure uniform color. Consult the data sheet of the product ALSAN TRAFIK HP COLORANT for more information. Roll on ALSAN TRAFIK HP 540 to a thickness of 250 µm (10 mils). Allow 72 hours after installation of ALSAN TRAFIK HP 540 before opening the area to traffic.

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

## PACKAGING

Specifications	ALSAN TRAFIK HP 515
Physical state	Liquid
Colour	Transparent
Density at 25 °C (77 °F)	0.98 kg/L
Volume	19 L
Coverage, at 250 µm (10 mils)	70 m <sup>2</sup> (750 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.



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## PROPERTIES

Properties	Standards	ALSAN TRAFIK HP 540
Brookfield viscosity at 25 °C (77 °F)	-	250 cP
Teneur en solides	-	66 %
Elongation at break	ASTM D412	100 %
Tensile strength	ASTM D412	13 MPa
Hardness (Shore A)	ASTM D2240	> 100
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 540 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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