

ALSAN TRAFIK HP 520



WATERPROOFING

APPLICATIONS

PARKING DECKS

BALCONIES AND PLAZA-DECKS

TECHNICAL DATA SHEET 230901SCANE

(supersedes 220406SCANE)

DESCRIPTION

ALSAN TRAFIK HP 520 is a one component polyurethane resin used as a waterproofing membrane in parking systems, balconies and other pedestrian areas.

ALSAN TRAFIK HP 520 can only be applied over ALSAN TRAFIK PU 121 and ALSAN FLOOR EP 101 primers.

APPLICATION

The previously applied primer must be dry to the touch before applying ALSAN TRAFIK HP 520. It is important not to exceed the maximum recoat time indicated on the respective technical data sheet of the selected primer.

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

With a notched squeegee, apply a coat of ALSAN TRAFIK HP 520 at a wet film thickness of **710 µm (28 mils)** onto the substrate. The resin must then be leveled with a roller and evenly distributed over the surface.

(maximum recoat time: 36 h)

Note : The ALSAN TRAFIK HP ACCELERATOR can be incorporated into the ALSAN TRAFIK HP 520 container to speed up its drying time.
(Refer to the respective product data sheet for additional information)

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

PACKAGING

Specifications	ALSAN TRAFIK HP 520
Physical state	Self-leveling liquid
Colour	Grey
Density, at 25 °C (77 °F)	1.12 kg/L
Volume	19 L
Coverage, at 710 µm (28 mils)	28 m ² (300 pi ²)/container

(All values are nominal)

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

CURING TIMES

Temperature at 50% R.H.	TIMES			
	Set to touch	Tack-free	Dry-hard	Dry-through
30 °C (86 °F)	3h	6h45	10h	11h30
22 °C (72 °F)	3h30	8h30	15h	22h
10 °C (50 °F) ⁽¹⁾	< 1h	5h	8h30	12h30
5 °C (41 °F) ⁽¹⁾	40 min	5h15	10h30	15h30

(1): ALSAN TRAFIK HP ACCELERATOR has been added to the mix.



SYSTÈME QUALITÉ
ISO 9001
QUALITY SYSTEM



SYSTÈME ENVIRONNEMENT
ISO 14001
ENVIRONMENT SYSTEM



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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.

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PROPERTIES

Properties	Standards	ALSAN TRAFIK HP 520
Brookfield viscosity at 25 °C (77 °F)	-	1 500 - 3 500 cP
Teneur en solides	-	75 %
Elongation at break	ASTM D412	600 %
Tensile strength	ASTM D412	8 MPa
Hardness (Shore A)	ASTM D2240	80

(All values are nominal)

STORAGE AND HANDLING

ALSAN TRAFIK HP 520 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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