



ALSAN TRAFIK

DESCRIPTION

ALSAN TRAFIK system is used for parking deck over concrete substrate.

ALSAN FLOOR EP 101, a vapour barrier and an epoxy primer.

ALSAN TRAFIK HP 525 is a two-component moisture cure polyurethane resin used as waterproofing membrane.

ALSAN FLOOR EP 900 (901 to 905), an epoxy finish coats with several colours. Colours are the following: grey, dark grey, pebble grey, white and beige.

SURFACE PREPARATION

1. Before installing the system, concrete must be completely cured (28 days) with a minimum hardness of 24 MPa (3,500 psi). The surface must be sound, clean and free of debris and dust.
2. Concrete surface must be prepared to obtain a ICRI CSP profile of 3 or 4. The shot blasting method is recommended to obtain such a profile.
3. Concrete substrate should have a maximum internal moisture content of 98 % RH (ASTM F2170) and 0.5 kg/100 m²/24 h (ASTM F1869). It must be prepared as required to provide proper adhesion of the membrane 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.
4. Cracks that are wider than 1/16" (1.6 mm) must be repaired with **SOPRASEAL SEALANT**.
5. All upstands (walls, columns, etc) must also be prepared with **SOPRASEAL SEALANT**.
6. Where needed, concrete should be repaired with a mix of **ALSAN TRAFIK EP 101** and silica sand (#70) .

APPLICATION

1. Once the surface is well prepared, apply primer **ALSAN FLOOR EP 101** by using a roller or a flat squeegee. Mix the contents of Part A for 2 to 3 minutes, then add Part B. Mix again for 2 to 3 minutes until you obtain a homogeneous consistency, and immediately pour the mixture onto the substrate. Apply a thickness of 5 to 8 mils (127 to 203 µm) for structural concrete and 10 mils (254 µm) for slabe on grade. Pot life after mixing is 20 minutes at 22 °C (72 °F). Primer must be dry and tack free before applying the next coat (maximum recoat window: 72 h).
2. When **ALSAN FLOOR EP 101** primer is completely dry, apply **ALSAN TRAFIK HP 525** with a 6 mm (3/16 in) notched squeegee. Remove the lid and remove plastic insert. Premix the resin found under the insert for 2-3 minutes. Then pour the entire insert content into the premixed resin and mix thoroughly for at least 2 to 3 minutes for an homogeneous consistency and pour immediately the mix onto substrate. Apply a thickness of 25 mils (635 µm) on the susbrate previously coated with primer. Back roll the surface to level.





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3. Once **ALSAN TRAFIK HP 525** coat is completely dry, apply a thickness of 15 mils (381 µm) of the coloured **ALSAN FLOOR EP 900 (901 to 905)** top coat with a roller or a flat squeegee. Mix the contents of Part A for 3 to 5 minutes, then add Part B. Mix again for 2 to 3 minutes until you obtain a homogeneous consistency, and immediately pour the mixture onto the substrate. Pot life after mixing is 75 minutes to 2 hours at 22 °C (72 °F). For an anti-slip finish, broadcast silica sand over the wet coloured finish coating. For high-traffic areas such as ramps, turning radius and tollbooths, apply the second coat of **ALSAN FLOOR EP 900 (901 à 905)**. The first coat of **ALSAN FLOOR EP 900 (901 à 905)** must be dry and tack free before applying the next coat (maximum recoat window: 36 h).

When all coats of the chosen system are applied, wait 72 hours to walk on the surface.

WARNING : in order to reduce the **risks of severe burns** due to the high temperature during the exotherm (the mix of Part A and B), IT IS STRONGLY RECOMMENDED TO IMMEDIATELY POUR THE MIXTURE ONTO THE SUBSTRATE AFTER HAVING MIXED THE TWO PARTS.

Note: Room and substrate temperature should be at **10 °C (50 °F) minimum** during application and curing of the products:

- Higher temperatures accelerate both pot life and curing times;
- Lower temperatures delay pot life but lengthen significantly curing times.

Adapt application techniques as per environment conditions.

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

