



ALSAN TRAFIK HP 540

Alsan Trafik HP 540

Order No. D31500

DESCRIPTION & APPLICATION

ALSAN TRAFIK HP traffic coating system is a polyurethane membrane designed to waterproof vehicular and pedestrian traffic areas on concrete decks. It can also be installed on plywood decks for balconies. This system is composed of three products for light pedestrian traffic and of four products for vehicular traffic:

ALSAN TRAFIK HP 540 is a single component polyurethane resin wear coat. It is installed in one or more layers depending on the traffic density.

COLOR:

ALSAN TRAFIK HP 540 is a clear liquid.

PACKAGING:

ALSAN TRAFIK HP 540 is supplied in 5 gallon containers.

STORAGE:

Shelf life: 6 months in original unopened container. Always store closed containers in cool, ventilated and dry location away from heat and oxidizing agents. Do not store in direct sunlight or in temperatures below 32°F (0°C) or above 77°F (25°C). Storing the containers above the recommended temperature may reduce the product's shelf life. The resin may polymerize at temperatures above 140°F (60°C).

HANDLING:

Always use caution when handling the products. Do not smoke. Keep away from open flame, fire or any ignition source. Avoid skin and eye contact with this product. Cured product may be disposed of in standard landfills. Uncured product is considered a hazardous material and must be handled as such, in accordance with local, state and federal regulations.

APPLICATION:

Surface will be primed with ALSAN TRAFIK HP 510 using a roller. Once primed, surface should have a glossy finish. It must be dry and tack free before applying ALSAN TRAFIK HP 520 (maximum recoat window: 36 h).

Once ALSAN TRAFIK HP 520 is completely dry (minimum 12 hours), apply ALSAN TRAFIK HP 530 (maximum recoat window: 36 h) with a 6 mm (3/16 in) notched squeegee. Spread aggregates to create a non-slip surface once the installation is completed and while the surface is still wet, back roll the surface to level. More than one coat could be required on higher trafficked areas.

Once the last coat of ALSAN TRAFIK HP 530 is completely dry (minimum 12 hours), apply the transparent finish coat of ALSAN TRAFIK HP 540 with a roller (maximum recoat window: 36 h).

Traffic is allowed 72 hours after the installation of ALSAN TRAFIK HP 540.



TECHNICAL INFORMATION

COVERAGE RATES

ALSAN TRAFIK HP 540	minimum 0.7 gal/100 ft ² (10 wet mils)	750 ft ² per 5 gallon can
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See recommendations for specific applications. Yields will vary depending upon substrate condition.

	Standards	ALSAN TRAFIK HP 540
Physical state	-	Self-leveling liquid
Color	-	Transparent
Specific gravity @ 25°C	-	0.98 kg/L
Brookfield viscosity @ 25°C	-	250 cP
Solids by weight	-	66%
Ultimate elongation	D 412-98a	100%
Tensile strength	D 412-98a	13 MPa
Hardness (Shore A)	ASTM D 2240	80