

ALSAN TRAFIK PU 421

POLYURETHANE ALIPHATIC TOP

ALSAN Trafik PU 421
 PRODUCT #
 4 gal - A - 00513175
 0.4 gal - B - 00513176

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

ALSAN Trafik PU 421 is a two-component, low odor, aliphatic polyurethane elastomeric topcoat. This topcoat provides excellent adhesion to SOPREMA polyurethane system base coats for application of SOPREMA polyurethane coating systems. ALSAN Trafik PU 421 is recommended for light and heavy-duty pedestrian and vehicular applications.

STORAGE

Always store sealed containers in a cool, well ventilated and dry location. Do not store in direct sunlight or temperatures below 60°F (16°C) or above 95°F (35°C). Approximate shelf life is twelve months from date of manufacture when properly stored, sealed and unmixed.

APPLICATION AND MIXING

ALSAN Trafik PU 421 is applied via notched squeegee, roller or notched trowel. Prior to application, refer to published specifications and approved details for complete application instructions. ALSAN Trafik PU 421 should be thoroughly mixed prior to application to ensure a consistent homogenous material from top to bottom. ALSAN Trafik PU 421 should be mixed using a jiffy blade mixer at slow speed for 2-3 minutes. Mix ALSAN Trafik PU 421 at a volume ratio of 4 gallons of Part A to 0.4 gallons of Part B.

APPLICATION



NOTCHED
SQUEEGEE



TROWEL



ROLLER

QUICK FACTS

TOTAL KIT SIZE (gal)	SUBSTRATE TEMP MIN. (°F)	POT LIFE (min)	NEXT LAYER (hours)	APPLICATION THICKNESS (mils)	APPLICATION RATE (ft ² /gal)
4.4 (4gal A & 0.4gal B)	40 (4°C)	20 - 40 at 75°F (24°C) and 50% RH	2-4 at 75°F (24°C) and 50% RH	15-20 wet	80-100



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TOP COAT

TECHNICAL INFORMATION & TESTING

PHYSICAL PROPERTIES		
PROPERTY	VALUE	TEST METHOD
Tensile Strength, psi (MPa)	3,200 (22.1)	ASTM D412
Tear Strength, pli (kN/m)	52.6	ASTM D624
Hardness (Shore A)	85	ASTM D2240
Specific Gravity	Part A: 1.1 Part B: 0.94	-
Viscosity @ 75°F (24°C), cps	Part A: 1500-2500 Part B: 50-100	-
Solids by weight, %	88	ASTM D2369
Solids by volume, %	87	ASTM D2697
VOC (volatile organic compounds), g/L	< 60	ASTM D2369-81
Elongation at break, %	450	ASTM D412
Color	Grey	-

*Data is represented by average values unless otherwise noted.

*Special colors available.