

ALSAN® TRAFIK PU 421

Polyurethane Aliphatic Top Coat

PRODUCT DATA SHEET PD10412 - REV 240507



APPLICATIONS

WATERPROOFING

PRODUCT NUMBERS:

- 00513175 - 4 gal (15.1 L) Pail - Part A
- 00513176 - 0.4 gal (1.5 L) Can - Part B

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.

- High solids and VOC-compliant
- Excellent chemical resistance

APPLICATION:



ROLLER



TROWEL



SQUEEGEE

Thoroughly mix **ALSAN TRAFIK PU 421 Part A** prior to combining. The volume mixing ratio is 4 gallons Part A to 0.4 gallons Part B (0.4 gallons is 2.6 pints). Combined components should be mixed using a jiffy blade mixer at slow speed for at least 2 - 3 minutes. **ALSAN TRAFIK PU 421** is applied to the approved area via roller, trowel or notched squeegee. The resin should be applied evenly onto the surface at a wet film thickness of 15 -20 mils (0.4 - 0.5 mm).

For complete information on product application, please consult your SOPREMA representative.

STORAGE:

Always store closed containers in a cool, ventilated and dry location away from heat and oxidizing agents. Do not store in direct sunlight or in temperatures below 55°F (13°C) or above 80°F (27°C). Approximate shelf life is 12 months from date of shipment when properly stored, sealed and unmixed.

CLEANUP:

Before material cures, clean all tools and equipment with xylene or similar solvent. Cured material will need to be mechanically cut or abraded. Clean skin with warm soapy water and a medium bristled brush as needed.

LIMITATIONS:

- To obtain proper adhesion between coats, it is imperative that recoating be completed within 24 hours. If more than 48 hours passes between coats, re-prime the surface with recommended primer before proceeding.
- Ensure application surface is clean, dry and free of debris prior to application.
- May fade, chalk and discolor over time
- Containers that have been opened must be used as soon as possible.
- Do not dilute

WARRANTY:

For more information refer to www.SOPREMA.us or contact your SOPREMA representative.

SUSTAINABILITY



VOC CONTENT
LOW EMITTING

< 90 g/L



ALSAN® TRAFIK PU 421

Polyurethane Aliphatic Top Coat

PRODUCT DATA SHEET PD10412 - REV 240507



APPLICATIONS

WATERPROOFING

TECHNICAL INFORMATION & TESTING:

TYPICAL PROPERTIES**		
PROPERTY	VALUE	TEST METHOD
Technology	Aliphatic polyurethane	-
Color	Grey	-
Pot life @ 75°F (23°C) 50% RH,* min	20 - 40	-
Next layer @ 75°F (23°C) 50% RH,* hours	2 - 4	-
Coverage rate, ft²/gal (m²/L)	80 - 100 (1.96 - 2.45)	-
Tensile strength, psi (MPa)	3,200 (22.1)	ASTM D412
Ultimate elongation, %	450	ASTM D412
Tear resistance, pli (kN/m)	300 (52.6)	ASTM D624
Specific gravity	Part A: 1.1 Part B: 0.94	-
Viscosity @ 75°F (23°C), cPs	Part A: 1,500 - 2,500 Part B: 50 - 100	-
Solids by weight, %	88	ASTM D2369
Solids by volume, %	87	ASTM D2697
Hardness, Shore A	85	ASTM D2240
Minimum substrate temperature, °F (°C)	40 (4)	-
Storage temperature, °F (°C)	55 - 80 (13- 27)	-
Shelf life, months	12	-
VOC content, g/L	< 60	ASTM D2369-81

* Drying times are dependent on temperature, humidity and film thickness.

** Data is represented by average values, unless noted otherwise.