

ALSAN® TRAFIK PU 215/420/421

Vehicular Deck Coating System



APPLICATIONS

COATINGS

PRODUCT DATA SHEET PDS215420421-REV1.03

DESCRIPTION:

ALSAN Trafik PU 215/420/421 is a three-coat polyurethane waterproof system for vehicular application. This waterproof system provides a monolithic membrane to concrete, plywood and primed metal surfaces.

ALSAN Trafik PU 215 Base Coat is a multi-component, water catalyzed waterproof membrane that adheres to dry concrete and metal with tenacious adhesion to the **ALSAN Trafik PU 420**.

ALASN Trafik PU 420 Intermediate coat is a two- component aromatic polyurethane wear coat when used in conjunction with aggregate.

ALASN Trafik PU 421 Topcoat is a two- component aliphatic polyurethane wear coat that is applied over the aggregate laden intermediate coat.

BASIC USES:

Ideal for parking garages that require a system to be able to waterproof the structure while handling vehicular traffic and has the ability to resist the hazard of deicing salts, anti-freeze, gasoline and diesel.

FEATURES AND BENEFITS:

- High wear resistance
- Chemical Resistant Topcoat
- UV resistant topcoat.
- Open to vehicular traffic 24 hours after topcoat has been installed.

PACKAGING:

PRODUCT	SIZE
ALSAN Trafik PU 215	5 gallon pail (18.9L)
ALASN Trafik PU 420 Part A	5 gallon pail (18.9L)
ALASN Trafik PU 420 Part B	5 gallon pail (1.9L)
ALASN Trafik PU 421 Part A	4 gallon pail (15.1L)
ALASN Trafik PU 421 Part B	4 gallon pail (1.5L)

COLORS:

ALASN Trafik PU 420 and 421 are available in light grey, medium gray, dark gray, tan, and dark tan. Custom colors available upon request.

COVERAGE RATES:

ALSAN Trafik PU 215: 25 mils at 64 sq feet per gallon, approximately 400 sq feet per unit with the addition of the required 5 quarts of water.

ALASN Trafik PU 420: 15 mils at 105 sq feet per gallon, 575 sq feet per unit.

ALASN Trafik PU 421: 15 mils at 105 sq feet per gallon, 460 sq feet per unit.

APPLICATION:

Refer to ALSAN Trafik PU 215/420/421 application guidelines for complete details.

POT LIFE:

ALSAN Trafik PU 215: 10-20 minutes at 75F (23C), 50% R.H.

ALASN Trafik PU 420: 30 minutes at 75F (23C), 50% R.H.

ALASN Trafik PU 421: 20-40 minutes at 75F (23C), 50% R.H.



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CURE TIMES:

ALSAN Trafik PU 215: 2-4 hours before recoating at 75F (23C), 50% R.H.

ALSAN Trafik PU 420: Minimum of 2-4 hours before recoating at 75F (23C), 50% R.H.

ALSAN Trafik PU 421: Minimum of 24 hours at 75F (23C), 50% R.H. before opening to vehicular traffic.

VOLATILE ORGANIC COMPOUNDS:

ALSAN Trafik PU 215: 60 g/L

ALSAN Trafik PU 420: 89 g/L

ALSAN Trafik PU 421: 60 g/L

LIMITATION:

- Do not use in conjunction with ALSAN Trafik PU 211, 410 or 411
- Area requires adequate ventilation.

WARRANTY:

Please refer to www.SOPREMA.us for the SOPREMA Standard Deck Coating Warranty, Form DC115, or contact SOPREMA® at [800.356.3521](tel:800.356.3521) for more information.

CLEAN UP:

Tools and uncured material can be cleaned with cleaning solvents such as Soprema's ALSAN RS Cleaner, methyl acetate, mineral spirits, etc.

Cured material must be mechanically removed.

SHELF LIFE & STORAGE:

ALSAN Trafik PU products have a shelf life of 12 months from date of manufacture in original, factory-sealed containers when stored indoors between 60-95°F (15-35°C). Always store product in a cool, dry, and ventilated location and do not store in direct sunlight.



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PHYSICAL PROPERTIES:

ALSAN Trafik PU 215

PROPERTY	VALUE	TEST METHOD
Tensile Strength, psi (MPa)	1350 (9.3)	ASTM D412
Tear Strength, pli (kN/m)	250 (44)	ASTM D624
Hardness (Shore A)	60	ASTM D2240
Specific Gravity	1.08	-
Viscosity @ 75°F (24°C), cps	2000-3000	-
Solids by weight, %	95	ASTM D2369
Solids by volume, %	93	ASTM D2697
VOC (volatile organic compounds), g/L	< 60	ASTM D2369-81
Elongation, %	675	ASTM D412
Color	White or Grey	-

ALSAN Trafik PU 420

PROPERTY	VALUE	TEST METHOD
Tensile Strength, psi (MPa)	2,500 (17.2)	ASTM D412
Tear Strength, pli (kN/m)	300 (2.07)	ASTM D624
Hardness (Shore A)	90	ASTM D2240
Specific Gravity	1.197	-
Viscosity @ 75°F (24°C), cps	4,000	-
Solids by weight, %	92.5	ASTM D2369
Solids by volume, %	90	ASTM D2697
VOC (volatile organic compounds), g/L	89	ASTM D2369-81
Ultimate Elongation, %	500	ASTM D412
Color	Dark Grey	-

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COATINGS

PHYSICAL PROPERTIES:

ALSAN Trafik PU 421

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	-