

ALSAN® TRAFIK PU 215/420

Pedestrian Deck Coating System



APPLICATIONS

COATINGS

PRODUCT DATA SHEET PDS215420-REV1.03

DESCRIPTION:

ALSAN Trafik PU 215/420 is a two-coat polyurethane waterproof system for pedestrian 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, plywood and metal with tenacious adhesion to the ALSAN Trafik PU 420.

ALSAN Trafik PU 420 Top Coat is a two-component aromatic polyurethane wear coat when used in conjunction with aggregate.

BASIC USES:

Ideal for breeze ways, balconies, terraces and plaza decks.

FEATURES AND BENEFITS:

- High wear resistance
- Primeless adhesion to most substrates.
- Open to foot traffic in 24 hours

PACKAGING:

PRODUCT	SIZE
ALSAN Trafik PU 215	5 gallon pail (18.9L)
ALSAN Trafik PU 420 Part A	5 gallon pail (18.9L)
ALSAN Trafik PU 420 Part B	0.5 gallon pail (1.9L)

COLORS:

ALSAN Trafik PU 420 is 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.

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

APPLICATION:

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

POT LIFE:

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

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

CURE TIMES:

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

ALSAN Trafik PU 420: Minimum of 24 hours at 75F (23C) 50% R.H. prior to putting into service.

Note: To decrease recoat time of ALSAN Trafik PU 215 an accelerator can be added.

VOLATILE ORGANIC COMPOUNDS:

ALSAN Trafik PU 215: 60 g/L

ALSAN Trafik PU 420: 89 g/L



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LIMITATION:

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

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, or mineral spirits.

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	-