

ALSAN® TRAFIK PU 211/410/411

Vehicular Deck Coating System



APPLICATIONS

COATINGS

PRODUCT DATA SHEET PDS211410411-REV1.03

DESCRIPTION:

ALSAN Trafik PU 211/410/411 is a three-coat polyurethane waterproof system for vehicular application. This waterproof system provides a monolithic membrane to primed concrete and metal surfaces.

ALSAN Trafik PU 211 Base Coat is a single component waterproof membrane that adheres to dry primed concrete and metal with tenacious adhesion to the ALSAN Trafik PU 410.

ALASN Trafik PU 410 Intermediate Coat is a single component aromatic polyurethane wear coat when used in conjunction with aggregate.

ALASN Trafik PU 411 Topcoat is a single 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
- Easy to install one-part materials
- Chemical Resistant Topcoat
- UV resistant topcoat.
- Open to vehicular traffic 48 hours after topcoat is installed.

PACKAGING:

PRODUCT	SIZE
ALSAN Trafik PU 211	5 gallon pail (18.9L)
ALASN Trafik PU 410	5 gallon pail (18.9L)
ALASN Trafik PU 411	5 gallon pail (18.9L)

COLORS:

ALSAN Trafik PU 410 and **411** are available in concrete gray, mortar gray, dark gray, and khaki. Custom colors available upon request.

COVERAGE RATES:

ALSAN Trafik PU 211: 25 mils at 64sq feet per gallon, 300 sq feet per unit.

ALASN Trafik PU 410: 15 mils at 105 sq feet per gallon, 525 sq feet per unit.

ALASN Trafik PU 411: 15 mils at 105 sq feet per gallon, 525 sq feet per unit.

APPLICATION:

Refer to ALSAN Trafik PU 211/410/411 application guidelines for complete details.

CURE TIMES:

ALSAN Trafik PU 211: 16 hours to next day at 75F (23C), 50% R.H to recoat.

ALASN Trafik PU 410: 16 hours to next day at 75F (23C), 50% R.H to recoat.

ALASN Trafik PU 411: Minimum of 48 hours before vehicular traffic at 75F (23C), 50% R.H.



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VOLATILE ORGANIC COMPOUNDS:

ALSAN Trafik PU 211: 210 g/L

ALASN Trafik PU 410: 251 g/L

ALASN Trafik PU 410: 223 g/L

LIMITATION:

- Do not use in conjunction with ALSAN Trafik PU 215,220,420 or 421.
- 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 211

PROPERTY	VALUE	TEST METHOD
Tensile Strength, psi (MPa)	1,200 (8.27)	ASTM D412
Tear Strength, pli (kN/m)	80 (14)	ASTM D1004
Hardness (Shore A)	60-70	ASTM D2240
Viscosity @ 77°F (25°C), cps	3,000 - 6,000	ASTM D2196
Solids by weight, %	86	-
Solids by volume, %	86	-
VOC (volatile organic compounds), g/L	201	-
Ultimate Elongation, %	600	ASTM D412
Color	Grey	-

ALSAN Trafik PU 410

PROPERTY	VALUE	TEST METHOD
Tensile Strength, psi (MPa)	2,500 (17.2)	ASTM D412
Tear Strength, pli (kN/m)	200 (35.1)	ASTM D1004
Hardness (Shore A)	80-90	ASTM D2240
Viscosity @ 77°F (25°C), cps	1,500 - 3,000	-
Solids by weight, %	78	-
Solids by volume, %	78	-
VOC (volatile organic compounds), g/L	251	-
Ultimate Elongation at break, %	100	ASTM D412
Color	Grey	-

ALSAN Trafik PU 411

PROPERTY	VALUE	TEST METHOD
Tensile Strength, psi (MPa)	2,500 (17.2)	ASTM D412
Tear Strength, pli (kN/m)	200 (35.1)	ASTM D1004
Hardness (Shore A)	80-90	ASTM D2240
Viscosity @ 77°F (25°C), cps	1,500 - 3,000	ASTM 2196
Solids by weight, %	80	-
Solids by volume, %	80	-
VOC (volatile organic compounds), g/L	223	-
Ultimate Elongation, %	100	-
Color	Grey	-

