

ALSAN TRAFIK PU 211/411

Pedestrian Deck Coating System



APPLICATIONS

COATINGS

PRODUCT DATA SHEET PDS211411 - REV.220421

DESCRIPTION & FEATURES:

ALSAN Trafik PU 211/411 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 211 Base Coat is a single component waterproof membrane that adheres to dry concrete, plywood and metal with tenacious adhesion to the **ALSAN Trafik PU 411**. **ALSAN Trafik PU 411** Top Coat is a single component aliphatic polyurethane wear coat when used in conjunction with aggregate.

BASIC USES:

Ideal for pedestrian areas in parking decks and stadiums as well as plaza decks, balconies, terraces and other concrete or wood structures.

FEATURES AND BENEFITS:

- High wear resistance
- High UV resistance
- Easy to install one-part materials.
- Primeless adhesion to most substrates.
- Open to foot traffic in 24 hours

APPLICABLE STANDARDS:

ASTM Standards listed here along with UL, NFPA 285, FL Approvals, or any other standards we are compliant with or have certificates for or a 3rd party approved product listing.

COLORS:

ALSAN Trafik PU 411 is available in concrete gray, mortar gray, dark gray, khaki. Custom colors available upon request.

PACKAGING

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

COVERAGE RATES:

ALSAN Trafik PU 211: 25 mils at 64 sq feet per gallon, 320 sq feet per unit.

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

APPLICATION:

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

CURE TIMES:

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

ALSAN Trafik PU 411: Minimum of 24 hours before foot traffic at 75F (23.%C) 50 R.H.

LIMITATION:

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

- Area requires adequate ventilation.



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WARRANTY:

Please refer to www.SOPREMA.us for the SOPREMA Standard Deck Coating Warranty, Form DC115, or contact SOPREMA at 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.

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	-

PHYSICAL PROPERTIES - 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	-
Chemical Resistance	No effect on system from common oils, salts, alkalies, anti-freeze, gasoline or mineral spirits	