

# ALSAN® TRAFIK PU 211/411/411

Vehicular Deck Coating System



APPLICATIONS

COATINGS

PRODUCT DATA SHEET PDS211411411-REV1.03

## DESCRIPTION:

**ALSAN Trafik PU 211/411/411** 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**.

**ALSAN Trafik PU 411** Intermediate Coat is a single component aliphatic polyurethane wear coat that is applied over the aggregate laden intermediate coat.

**ALSAN 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 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)
ALSAN Trafik PU 411	5 gallon pail (18.9L)

## COLORS:

**ALSAN Trafik PU 411** is 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.

**ALSAN Trafik PU 411** (Intermediate Coat): 15 mils at 105 sq feet per gallon, 525 sq feet per unit.

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

## APPLICATION:

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

## CURE TIMES:

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

**ALSAN Trafik PU 411:** 16 hours to next day at 75F (23C) 50% R.H to recoat.

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



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## **VOLATILE ORGANIC COMPOUNDS:**

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**ALSAN Trafik PU 211:** 210 g/L

**ALSAN Trafik PU 411:** 223 g/L

## **LIMITATION:**

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- Do not use in conjunction with ALSAN Trafik PU 215,220,420 or 421.
- Area requires adequate ventilation.

## **WARRANTY:**

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Please refer to [www.SOPREMA.us](http://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:**

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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 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	-