

# ALSAN® TRAFIK PU 215/421

Pedestrian Deck Coating System



APPLICATIONS

COATINGS

PRODUCT DATA SHEET PDS215421-REV1.03

## DESCRIPTION:

**ALSAN Trafik PU 215/421** 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 421.

**ALSAN Trafik PU 421** Top Coat is a two-component aliphatic 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
- High UV 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 421 Part A | 4 gallon pail (15.1L)  |
| ALSAN Trafik PU 421 Part B | 0.4 gallon pail (1.5L) |

## COLORS:

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

## APPLICATION:

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

## POT LIFE:

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

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

## CURE TIMES:

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

**ALSAN Trafik PU 421:** Minimum of 24 hours at 75F (23.%C) 50 R.H. prior to putting into service.

## VOLATILE ORGANIC COMPOUNDS:

**ALSAN Trafik PU 215:** 60 g/L

**ALSAN Trafik PU 421:** 60 g/L



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## LIMITATION:

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- Do not use in conjunction with ALSAN Trafik PU 211,410 or 411
- 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<sup>®</sup> 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:

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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 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<br>Part B: 0.94         | -             |
| Viscosity @ 75°F (24°C), cps          | Part A: 1500-2500<br>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                                | -             |