

ALSAN TRAFIK PU 411

POLYURETHANE ALIPHATIC TOP COAT

ALSAN Trafik PU 411

PRODUCT #
00513099

PRODUCT DATA SHEET

DESCRIPTION & FEATURES

ALSAN Trafik PU 411 is a single-component, aliphatic urethane elastomeric topcoat. This topcoat provides excellent adhesion to SOPREMA polyurethane system base coats for application of SOPREMA urethane coating systems. ALSAN Trafik PU 411 is recommended for light-duty pedestrian and vehicular applications that are directly exposed to sunlight.

STORAGE

Always store sealed containers in a cool, well ventilated and dry location. Do not store in direct sunlight or temperatures below 60°F (16°C) or above 95°F (35°C). Approximate shelf life is six months from date of manufacture when properly stored, sealed and unmixed.

APPLICATION AND MIXING

ALSAN Trafik PU 411 is applied via notched squeegee, roller or notched trowel. Prior to application, refer to published specifications and approved details for complete application instructions. ALSAN Trafik PU 411 should be thoroughly mixed prior to application to ensure a consistent homogenous material from top to bottom. ALSAN Trafik PU 411 should be mixed using a jiffy blade mixer at slow speed for 2-3 minutes.

APPLICATION



NOTCHED
SQUEEGEE



ROLLER



TROWEL

QUICK FACTS

| CONTAINER (gal) | SUBSTRATE TEMP MIN. (°F) | POT LIFE (hours) | NEXT LAYER (hours) | APPLICATION THICKNESS (mils) | APPLICATION RATE (sqft/gal) |
|--------------------|--------------------------------|-------------------------------------|------------------------------------|------------------------------------|-----------------------------------|
| 5.0 (18.9 L) | 40 (4°C) | 1-2 at 75°F (24°C) and 50% RH | 16 at 75°F (24°C) and 50% RH | 15-20 wet | 80-100 |



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TOP COAT

TECHNICAL INFORMATION & TESTING

| PHYSICAL PROPERTIES | | |
|---------------------------------------|--------------|-------------|
| 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 | - |

*Data is represented by average values unless otherwise noted.

*Special colors available.