



EVERTHANE SERIES 248

PRODUCT PROFILE

GENERIC DESCRIPTION Aliphatic Moisture Cured Urethane

COMMON USAGE Extremely hard, chemical-resistant urethane floor coating with superb wear characteristics. Excellent resistance to abrasion, wet conditions, corrosive fumes and chemical contact. Excellent gloss and color retention. Low odor characteristic allows for use near occupied space.
Note: For horizontal surfaces only.

COLORS Supplied as a clear coat, may be tinted with available Series 821 color pack in the 16 standard StrataShield colors and limited custom colors. Color packs sold separately. Contact Tnemec Company for availability. **Note:** Certain colors may require multiple coats depending on method of application and finish coat color. When feasible, the preceding coat should be the same color as the topcoat.

FINISH Semi-gloss

PERFORMANCE CRITERIA Additional test data available. Contact your Tnemec representative for specific test results.

COATING SYSTEM

PRIMERS **Concrete:** Series 201, 237, 238, 280, 281

INTERMEDIATE Series 210, 237, 238, 280, 281, 284, 285
Note: Before topcoating with Series 248, previous coat **must** be thoroughly scarified using a power sander with 100 grit sandpaper, No. 60 mesh sanding screen or a course stripping pad to eliminate surface tension. Failing to uniformly degloss the entire surface or thoroughly clean all surface contamination may lead to fisheyes and/or poor adhesion.

SURFACE PREPARATION

ALL SURFACES Prepare surfaces by method suitable for exposure and service. Refer to the appropriate primer data sheet for specific recommendations.
Must be clean, dry and free of oil, grease and other contaminants. Existing coatings require thorough scarification using a power sander with 100 grit sandpaper and compatibility testing.

TECHNICAL DATA

VOLUME SOLIDS 92 ± 2.0% (clear mixed) †

RECOMMENDED DFT 2.0 to 3.0 mils (50 to 75 microns) per coat. **Note:** Number of coats will vary depending on color, substrate (surface) and other variables. Contact your Tnemec representative.

CURING TIME

Temperature	Min. Recoat ‡	To Service	Chemical Resistance
75°F (24°C)	12 hours	24 hours	7 days

‡ When recoating, the surface **must** be thoroughly scarified using 100 grit sandpaper or No. 60 mesh sanding screen. Curing time varies with surface temperature, air movement, humidity and film thickness.

VOLATILE ORGANIC COMPOUNDS

Unthinned: 0.68 lbs/gallon (82 grams/litre) †

THEORETICAL COVERAGE

1,476 mil sq ft/gal (36.2 m²/L at 25 microns). See APPLICATION for coverage rates. †

NUMBER OF COMPONENTS

Three: Part A, Part B (clear) and Part C

PACKAGING

	PART A (Partially filled)	PART B	PART C (Partially filled)	When Mixed Yield
Large Kit	3 gallon pail	1/2 gallon can	1 gallon can	3.225 gallons (12.2L)
Small Kit	1 gallon can	1 pint can	1 quart can	1.075 gallons (4.07L)

Color packs are sold separately as 821 Field Colorant. Add one pint color pack per small kit or three pints color pack per large kit.

NET WEIGHT PER GALLON

10.67 ± 0.25 lbs (4.84 ± .11 kg) (clear mixed) †

STORAGE TEMPERATURE

Minimum 20°F (-7°C) Maximum 110°F (43°C)

TEMPERATURE RESISTANCE

(Dry) Continuous 250°F (121°C) Intermittent 275°F (135°C)

SHELF LIFE

Part A: 12 months; Part B: 12 months; Part C: 24 months in unopened cans at recommended storage temperature.

FLASH POINT - SETA

Part A: > 200°F (93°C) Part B: 186°F (86°C)

HEALTH & SAFETY

Paint products contain chemical ingredients which are considered hazardous. Read container label warning and Material Safety Data Sheet for important health and safety information prior to the use of this product.
Keep out of the reach of children.

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APPLICATION

COVERAGE RATES

	Dry Mils (Microns)	Wet Mils (Microns)	Sq Ft/Gal (m ² /Gal)
Suggested	2.5 (65)	2.5 (65)	590 (54.8)
Minimum	2.0 (50)	2.0 (50)	738 (68.5)
Maximum	3.0 (75)	3.5 (90)	492 (45.7)

Allow for surface irregularities. Film thickness is rounded to the nearest 0.5 mil or 5 microns. Application of coating below minimum or above maximum recommended dry film thicknesses may adversely affect coating performance. †

MIXING

Premix Part A for one minute. While under agitation slowly sift in Part C powder. If material is to be tinted, use one pint container of Series 821 color for a small kit and three pints for a large kit once the Parts A and C are thoroughly combined. Mix well before adding the Part B. Do not use mixed material beyond pot life limits. Part A is moisture sensitive and will react with atmospheric moisture. Mix in full kits only. Opened material should not be reused. Do not reseal containers of mixed material.

THINNING

None required or recommended.

POT LIFE

2 hours at 77°F (25°C)

APPLICATION EQUIPMENT

Roller: Use a 1/4" or 3/8" (6.4 mm or 9.5 mm) high quality and shed-resistant synthetic woven nap cover. Do not use long nap roller covers.

Brush: Use high quality natural or synthetic bristle brushes.

SURFACE TEMPERATURE

Minimum 40°F (4°C) Maximum 90°F (32°C)

The surface should be dry and at least 5°F (3°C) above the dew point. This product is moisture sensitive until cured.

AMBIENT HUMIDITY

Humidity must be below 80%. Application of the coating above the maximum recommended dry film thickness or at relative humidities above 80% may cause bubbles to form in the cured film.

CLEANUP

Flush and clean all equipment immediately after use with MEK.

† Values may vary with color.

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