



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

COATINGS



Eco-MPE™

MULTI-PURPOSE EPOXY FOR USE AS A PRIMER, BROADCAST OR BUILD COAT

- **LEED®** – LEED green building certification program credits available:
 - Indoor Environmental Quality
 - 4.2 Low-Emitting Materials, Paint and Coatings
- **LOW ODOR FORMULA** – Works perfectly around odor-sensitive stock and environments
- **EASY TO USE** – Self-leveling formula allows easy application



T16

Tennant Company is a world leader in indoor and outdoor environmental cleaning solutions and floor and wall coatings.

CHEMICAL RESISTANCE PROPERTIES

		1 day	7 day	
Acids, Inorganic	10% Hydrochloric Acid	E	E	
	30% Hydrochloric Acid	E	G	
	(Muriatic)			
	10% Nitric Acid	E	G	
	50% Phosphoric Acid	F	F	
Acids, Organic	37% Sulfuric Acid	G	G	
	(Battery Acid)			
	10% Acetic Acid	G	F	
	10% Citric Acid	G	G	
Alkalies	Oleic Acid	G	F	
	10% Ammonium Hydroxide	E	E	
	50% Sodium Hydroxide	E	E	
Solvents (Alcohols)	Ethylene Glycol (Antifreeze)	E	G	
	Isopropyl Alcohol	F	P	
	Methanol	F	F	
	Solvents (Aliphatic)	d-Limonene	G	G
Jet Fuel (JP-4)		E	E	
Gasoline		G	G	
Mineral Spirits		E	E	
Solvents (Aromatic)		Xylene	F	F
	Solvents (Chlorinated)	Methylene Chloride	P	P
Solvents (Ketones & Esters)		Methyl Ethyl Ketone (MEK)	P	P
		Propylene Glycol Methyl Ether Acetate (PMA)	F	F
	Miscellaneous Chemicals	20% Ammonium Nitrate	E	E
Brake Fluid		F	F	
Bleach		E	E	
Motor Oil (SAE30)		E	E	
Skydrol® 500B		F	F	
Skydrol® LD4		F	F	
20% Sodium Chloride		E	E	
1% Tide® Laundry Soap		E	E	
10% Trisodium Phosphate		E	E	

Based on 1-day and 7-day spot testing on concrete. Coating cured 2 weeks prior to testing.

Registered trademarks: Tide® of Procter and Gamble, Skydrol® of Solutia, Inc.

E = Excellent (No Adverse Effect) F = Fair (Moderate Adverse Effect)
G = Good (Limited Adverse Effect or Staining) P = Poor (Unsatisfactory)

PHYSICAL/ PERFORMANCE PROPERTIES

MATERIAL PROPERTIES (LIQUID)

Property	Test Method	Results
Flash Point, °F (°C)	ASTM D3278	Part A: >200 (93) Part B: >200 (93)
Seta Closed Cup		
Percent Solids, by weight	ASTM D2369	Part A: 99.4 Part B: 99.8
Density, lb/gal (kg/L)	ASTM D1475	Part A: 9.22 (1.11) Part B: 8.39 (1.00) A/B: 8.94 (1.07)
Shelf Life		2 years
Viscosity, cps	ASTM D2196	Part A: 700-1,000 Part B: 350-550 A/B: 500-700
Brookfield		
Volatile Organic Compound (VOC) lb/gal (g/L)	ASTM D3960	Mixed A+B: 0.04 (4)

CURED COATING PROPERTIES (DRY FILM)

Property	Test Method	Results
Abrasion Resistance, mg loss	ASTM D4060*	83.1
Taber Abraser		
Coefficient of Friction**	ASTM D2047	0.59-0.62
James Friction Tester		
Compression Strength, psi (MPa)	ASTM D695	13,500 (93.08)
Tensile Strength, psi (MPa)	ASTM D2370	8,000 (55.16)
Percent Elongation	ASTM D2370	5
Shore D Hardness	ASTM D2240	80-85 @ 0 sec 75-80 @ 15 sec

UV/Light Stability Will yellow or amber over time

*CS-17 Taber Abrasion Wheel, 1,000 gram load, 1,000 revolutions.

**To improve traction in slip hazard areas, use Tennant 292 Grit. See 292 Grit Product Bulletin for more information.

APPLICATION CHARACTERISTICS

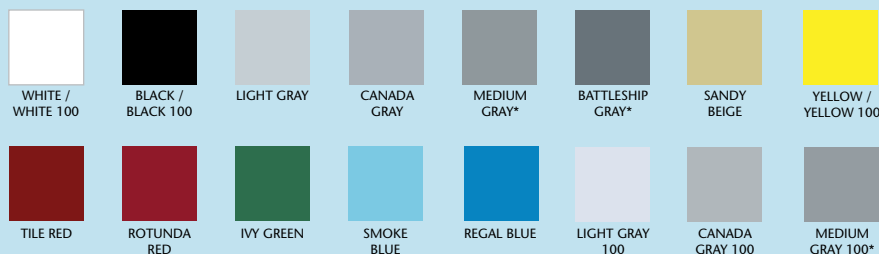
Property	Results
Coverage Rate, ft ² /gal (m ² /3.78 L)	55-535 (5.1-49.7)
Application Thickness, wet/dry mils (mm)	3-30 (0.08-0.76)

Testing performed at ambient conditions unless stated otherwise.

Specifications subject to change without notice.

COLORANTS

These colors are close approximations; please contact Tennant for product samples. Custom colors are also available. See product bulletin for any restrictions on colorant use.



*Due to possible color inconsistencies, colorants Battleship Gray, Medium Gray and Medium Gray 100 are only recommended if topcoated with a urethane.

FOR FIRST IMPRESSIONS THAT LAST™

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