



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

COATINGS



Eco-HTS™ 100

SATIN URETHANE TOPCOAT

- **LEED®** – LEED green building certification program credits available:
 - Indoor Environmental Quality
 - 4.2 Low-Emitting Materials, Paint and Coatings
- **IMPROVED APPEARANCE** – Light stability over the expected life of the coating
- **DURABLE** – Proprietary three-component formula withstands high-volume, heavy-wheeled traffic areas



7100

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

PHYSICAL/ PERFORMANCE PROPERTIES

MATERIAL PROPERTIES (LIQUID)	TEST METHOD	RESULTS
Volatile Organic Compound (VOC) lb/gal (g/L)	ASTM D3960	Mixed A+B+C 0.04 (5)
Flash Point, °F (°C)	ASTM D3278	Part A: >200 (93) Part B: >200 (93)
Seta Closed Cup		Part A: 99.35 Part B: 59.23 Part C: 100 A+B+C = 94.00
Percent Solids, by weight	ASTM D2369	Part A: 99.35 Part B: 59.23 Part C: 100 A+B+C = 94.00
Density, lb/gal (kg/L)	ASTM D1475	Part A: 9.56 (1.15) Part B: 9.54 (1.15) Part C: 33.00 (3.96) A+B+C = 11.93 (1.43)
Shelf Life		2 years from date of manufacturer
Viscosity, cps Brookfield	ASTM D2196	A+B+C = 700-800

CURED COATING PROPERTIES (DRY FILM)

Abrasion Resistance, mg loss* Taber Abraser	ASTM D4060	18.0
Coefficient of Friction (COF)** James Friction Tester	ASTM D2047	0.63
Dry Film Thickness, mils (mm)		3.0 (0.08) (1 coat)
Tensile Strength, psi (MPa) (resin only)	ASTM D2370	6,250 (43.09)
Percent Elongation (resin only)	ASTM D2370	6
König Hardness (3 mil/0.08 mm) (resin only)	ASTM D4366	171.3

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

**To improve traction in slip hazard areas, use Tennant 291 Grit. See 291 Grit Product Bulletin for more information.

APPLICATION CHARACTERISTICS

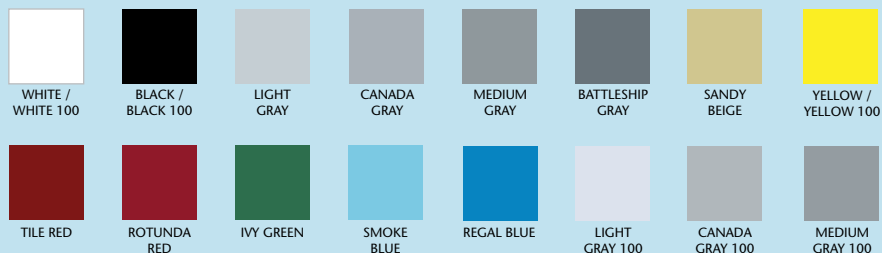
Coverage Rate, ft ² /gal (m ² /3.78 litres)	500 (46.5)
Application Thickness, wet mils (mm)	3.2 (0.08) (1 coat)

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.



FOR FIRST IMPRESSIONS THAT LAST™

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