



before



after

Eco-HTS™ 100 | 5 g/L SATIN URETHANE TOPCOAT

High-wear protection for high-traffic areas

- **INCREASED APPEARANCE** – Non-yellowing formula comes in a variety of UV-stable colors
- **DURABLE** – Proprietary three-component formula withstands high-volume, heavy-wheeled traffic areas
- **ENVIRONMENTALLY SAFE** – Low odor formula, virtually solvent-free, and ideal for odor-sensitive environments
- **VOC COMPLIANT** – meets SCAQMD VOC regulations
- **LEED CREDIT AVAILABLE** – 4.2 indoor environmental quality

Part of the **Eco-Advantage**® Family:

Low Odor No noxious fumes; will not contaminate odor-sensitive inventory.

Environmentally Friendly Reduced solvent means less evaporation and less waste.

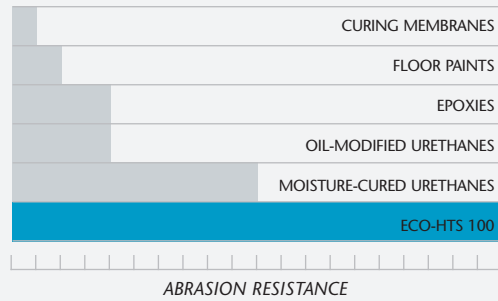
User Friendly Can be applied during normal business hours—no shutdown required.

VOC Compliant Meets the Environmental Protection Agency VOC regulations.

TENNANT COATINGS

For First Impressions That Last™

Wear Life of Coating Products



Based on relative mil loss, Eco-HTS 100 has a longer wear life.

Eco-HTS 100 Snapshot

APPEARANCE:	Satin finish with slight texture
COLOR:	Clear, plus standard and custom colors
TRACTION:	Increase slip resistance with Tennant's grit additives
VOC COMPLIANCE:	Very low VOC, 5 g/L
ABRASION RESISTANCE:	Superior
CHEMICAL RESISTANCE:	Superior
UV STABILITY:	100% aliphatic formula; non-yellowing*
APPLICATIONS:	Aisles, loading docks, repair shops, hangars and other high-traffic areas
INSTALLATION:	Customer or contractor applied

*Over the normal life of the coating.

Colors – These colors are close approximations; please contact Tennant for product samples. Custom colors are also available.



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.

Skydrol® is a registered trademark of Solutia, Inc. Tide® is a registered trademark of Procter and Gamble.

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) Seta Closed Cup	ASTM D3278	Part A: >200 (93) Part B: >200 (93)
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 (A/B)	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 manufacture
Viscosity, cps Brookfield	ASTM D2196	A+B+C = 700-800
Volatile Organic Compound (VOC) lb/gal (g/L)	ASTM D3960	Mixed: A+B+C 0.04 (5)

CURED COATING PROPERTIES (DRY FILM)

Property	Test Method	Results
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 (microns)		3.0 (76.2) (1 coat)
Tensile Strength, psi (MPa) (resin only)	ASTM D2370	6,250 (43.092)
Percent Elongation (resin only)	ASTM D2370	6
König Hardness (3 mil/76.2 micron film) (resin only)		171.3

APPLICATION CHARACTERISTICS (1 GALLON)

Property	Results
Coverage Rate, ft ² /gal (m ² /L)	500 (12.3)
Application Thickness, wet mils (microns)	3.2 (81) (1 coat)

*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.

Results are based on conditions at 77°F (25°C), 50% relative humidity.

A floor-care system of high-performing Tennant coatings, sweepers, and scrubbers will maximize your floor's natural life, minimize your maintenance costs and create a world-class impression.



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