



Eco-LTS™ | WATER-BASED EPOXY COATING

A great choice for light-to-moderate traffic areas

- **DURABLE** – Lasts up to twice as long as competitive emulsion sealers
- **ATTRACTIVE** – Satin finish hides floor imperfections
- **CREATES A SAFER WORKPLACE** – Greater light reflectivity results in a brighter work environment
- **ECONOMICAL** – Cleans easily, reducing cleaning maintenance costs as well as detergent and water usage

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™

Perfect for General Spill and Dust Control in Light Traffic Areas.

Eco-LTS is a two-component, water-based epoxy coating that provides light-to-moderate traffic protection for smooth concrete floors. Apply one coat for light traffic performance similar to a penetrating seal. Two coats provide a film-forming coating that repels spills better and stands up to moderate traffic loads.

Available colors –

Canada gray and clear. No custom colors are available.



CANADA
GRAY

Eco-LTS Snapshot

APPEARANCE:	Satin finish with smooth texture
COLOR:	Clear and Canada gray
VOC COMPLIANCE:	165 g/L VOC areas or greater
APPLICATIONS:	Light-to-medium traffic, general spill and dust control
INSTALLATION:	Customer or contractor applied; acid etch required

Chemical Resistance Properties

		1 day	7 day
Acids, Inorganic	10% Hydrochloric Acid	G	P
	30% Hydrochloric Acid (Muriatic)	P	P
	10% Nitric Acid	P	P
	50% Phosphoric Acid	P	P
	37% Sulfuric Acid (Battery Acid)	F	P
Acids, Organic	10% Acetic Acid	F	P
	10% Citric Acid	E	G
	Oleic Acid	P	P
Alkalies	10% Ammonium Hydroxide	E	E
	50% Sodium Hydroxide	G	F
Solvents (Alcohols)	Ethylene Glycol (Antifreeze)	E	E
	Isopropyl Alcohol	P	P
	Methanol	P	P
Solvents (Aliphatic)	d-Limonene	E	E
	Jet Fuel (JP-4)	E	E
	Gasoline	F	F
	Mineral Spirits	E	E
Solvents (Aromatic)	Xylene	P	P
Solvents (Chlorinated)	Methylene Chloride	P	P
Solvents (Ketones & Esters)	Methyl Ethyl Ketone (MEK)	P	P
	Propylene Glycol Methyl Ether Acetate (PMA)	P	P
Miscellaneous Chemicals	20% Ammonium Nitrate	E	E
	Brake Fluid	P	P
	Bleach	E	E
	Motor Oil (SAE30)	E	E
	Skydrol® 500B	P	P
	Skydrol® LD4	P	P
	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: 49.9 Part B: 11.4 Part C: 31.2
Density, lb/gal (kg/L)	ASTM D1475	Part A: 8.89 (1.07) Part B: 8.42 (1.01) Mixed: 8.66 (1.04)
Shelf Life		2 years from date of manufacture
Viscosity, cps Brookfield	ASTM D2196	Part A: 700-1000 Part B: 500-700 Mixed: 100-300
Volatile Organic Compound (VOC) lb/gal (g/L)	ASTM D3960	Mixed: A+B 1.38 (165)

CURED COATING PROPERTIES (DRY FILM)

Property	Test Method	Results
Abrasion Resistance, mg loss Taber Abraser	ASTM D4060	100
Coefficient of Friction (COF) James Friction Tester	ASTM D2047	0.52-0.55
Dry Film Thickness (mils)		1.3 (1 coat)
Tensile Strength, psi (kPa)	ASTM D2370	3,500 (24,150)
Percent Elongation	ASTM D2370	30
Flexibility	ASTM D522	Passes highest rating (1/8")
Sward Hardness (1 mil film)	ASTM D2134	55
UV/Light Stability		Will turn yellow or amber over time

APPLICATION CHARACTERISTICS

Property	Results
Coverage Rate, ft ² /gal	340
Application Thickness, wet mils	4.7 (1 coat)

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

Results are based on conditions at 77°F, 50% relative humidity.



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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.