



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

COATINGS



# Eco-PT™ 250

## POWER-TROWEL EPOXY OVERLAY RESURFACER

- **LEED®** – LEED green building certification program credits available:
  - Indoor Environmental Quality
  - 4.2 Low-Emitting Materials, Paint and Coatings
- **ECONOMICAL** – Avoids costly floor replacement and by restoring eroded concrete, reduces cleaning maintenance costs
- **PERFECT FOR LARGE AREA RESTORATION** – Handles heavy loads in main traffic aisles and loading docks



T20

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

## CHEMICAL RESISTANCE PROPERTIES

	Eco-PT Topcoat 1 / 7 day(s)	Eco-HT Topcoat 1 / 7 day(s)
<b>Acids, Inorganic</b>		
10% Hydrochloric Acid	E / E	E / E
30% Hydrochloric Acid (Muriatic)	E / E	E / E
10% Nitric Acid	E / G	E / E
50% Phosphoric Acid	F / P	G / G
37% Sulfuric Acid (Battery Acid)	G / G	G / G
<b>Acids, Organic</b>		
10% Acetic Acid	F / P	G / F
10% Citric Acid	E / G	E / E
Oleic Acid	G / F	E / E
<b>Alkalies</b>		
10% Ammonium Hydroxide	E / E	E / E
50% Sodium Hydroxide	E / E	E / E
<b>Solvents (Alcohols)</b>		
Ethylene Glycol (Antifreeze)	E / E	E / E
Isopropyl Alcohol	F / F	E / G
Methanol	F / F	P / P
<b>Solvents (Aliphatic)</b>		
d-Limonene	E / E	E / E
Jet Fuel (JP-4)	E / E	E / E
Gasoline	E / E	E / E
Mineral Spirits	E / E	E / E
<b>Solvents (Aromatic)</b>		
Xylene	F / F	E / E
<b>Solvents (Chlorinated)</b>		
Methylene Chloride	P / P	P / P
<b>Solvents (Ketones &amp; Esters)</b>		
Methyl Ethyl Ketone (MEK)	P / P	P / P
Propylene Glycol Methyl Ether Acetate (PMA)	F / F	G / F
<b>Miscellaneous Chemicals</b>		
20% Ammonium Nitrate	E / E	E / E
Brake Fluid	F / F	G / G
Bleach	G / G	E / E
Motor Oil (SAE30)	E / E	E / E
Skydrol® 500B	F / P	E / E
Skydrol® LD4	F / P	E / E
20% Sodium Chloride	E / E	E / E
1% Tide® Laundry Soap	E / E	E / E
10% Trisodium Phosphate	E / E	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) – ECO-PT™ 250, ECO-PT™ TOPCOAT, AND ECO-HT™ TOPCOAT

	TEST METHOD	RESULTS
Percent Solids, by weight	ASTM D2369	100
Volatile Organic Compound (VOC) lb/gal (g/L)	ASTM D3960	0 (0)
<b>CURED COATING PROPERTIES (DRY FILM)</b>		<b>Eco-PT 250</b>
Coefficient of Friction**	ASTM D2047	0.60 – 0.63 (with 2 coats of Eco-PT Topcoat)
James Friction Tester		
Coefficient of Thermal Linear Expansion, mm/mm/°C	ASTM D696	1.97 x 10 <sup>-5</sup>
Compressive Strength, psi (MPa)	ASTM C579	10,000 (68.95)
Flexural Strength, psi (MPa)	ASTM D790	3,700 (25.51)
Flexural Modulus of Elasticity, psi (MPa)	ASTM D790	1.8 x 10 <sup>6</sup> (0.01 x 10 <sup>7</sup> )
Heat Deflection Temperature	ASTM D648	140°F (60°C) @ 264 psi (1.82 MPa) load 151°F (66°C) @ 66 psi (0.46 MPa) load
Izod Impact Strength, lb/in (N/m)	ASTM D256	0.26 (45.53)
Tensile Strength, psi (MPa)	ASTM C307	1,690 (11.65)
UV/Light Stability		Will yellow or amber over time

\*\*To improve traction in slip hazard areas, use 292 Grit for applications less than 8 mils (0.08 mm). See 292 Grit Product Bulletin.

	TEST METHOD	Eco-PT Topcoat	Eco-HT Topcoat
<b>CURED COATING PROPERTIES (DRY FILM)</b>			
Abrasion Resistance, mg loss Taber Abraser	ASTM D4060*	83	100
Tensile Strength, psi (MPa)	ASTM D2370	8,000 (55.16)	8,000 (55.16)
Percent Elongation	ASTM D2370	5	5
Shore D Hardness	ASTM D2240	75-80 @ 0 sec 65-70 @ 15 sec	75-80 @ 0 sec 65-70 @ 15 sec

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

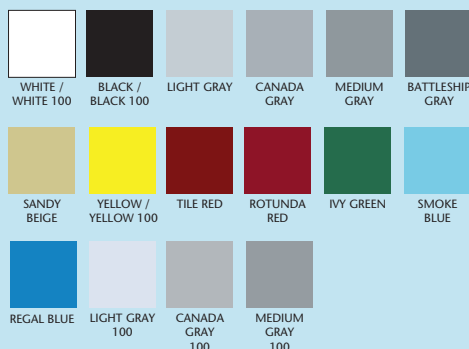
### APPLICATION CHARACTERISTICS

<b>ECO-PT 250</b>		
Coverage Rate, ft <sup>2</sup> (m <sup>2</sup> ) / 3 bag mix		56-70 (5.2-6.5)
Application Thickness, inches (mm)		1/4-3/16 (6.35-4.76)
<b>ECO-PT TOPCOAT or ECO-HT TOPCOAT</b>		
Coverage Rate, ft <sup>2</sup> /gal (m <sup>2</sup> /3.78 litres)		200-320 (18.6-29.7)
Application Thickness, wet/dry mils (mm)		5-8 per coat (0.13-0.20)

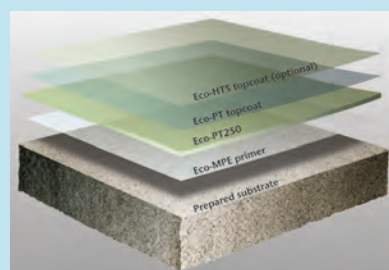
Testing performed at ambient conditions unless stated otherwise. Specifications subject to change without notice.

## 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.



## AREA RESTORATION



## FOR FIRST IMPRESSIONS THAT LAST™

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