Eco-ECT™ | FLOOR COATING SYSTEM

Floor coating system for static-controlled environments

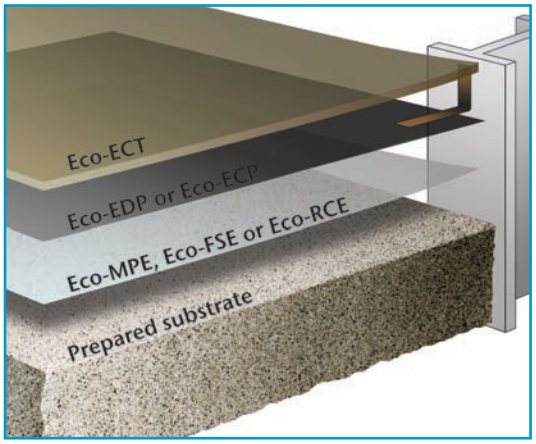
- **IMPROVE SAFETY** – Protect people and product by dissipating potentially harmful static electricity
- **ENHANCE APPEARANCE** – Improve the appearance of your facility with increased light reflectivity and color options
- **REDUCE MAINTENANCE COSTS** – Easier to maintain than electrostatic dissipative (ESD) carpeting or tile

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™



Eco-ECT Snapshot

APPEARANCE:	Gloss finish
PERFORMANCE:	Maintains electrostatic control properties for the entire life of the coating
APPLICATIONS:	Electronics and other industries where static discharge control is required
INSTALLATION:	Professional application recommended; special equipment required

Standard Colors –

These colors are close approximations; please contact Tennant for product samples. Custom colors are also available.
** White and light gray are not recommended – see product bulletin for any restrictions on colorant use.*

WHITE* | BLACK | LIGHT GRAY* | CANADA GRAY | MEDIUM GRAY | BATTLESHIP GRAY | SANDY BEIGE | YELLOW | TILE RED | ROTUNDA RED | IVY GREEN | SMOKE BLUE | REGAL BLUE

Chemical Resistance Properties

		1 day	7 day
Acids, Inorganic	10% Hydrochloric Acid	E	G
	30% Hydrochloric Acid (Muriatic)	G	G
	10% Nitric Acid	E	G
	50% Phosphoric Acid	G	G
	37% Sulfuric Acid (Battery Acid)	G	G
Acids, Organic	10% Acetic Acid	F	F
	10% Citric Acid	E	G
	Oleic Acid	G	G
Alkalies	10% Ammonium Hydroxide	E	E
	50% Sodium Hydroxide	E	E
Solvents (Alcohols)	Ethylene Glycol (Antifreeze)	G	F
	Isopropyl Alcohol	G	F
	Methanol	P	P
Solvents (Aliphatic)	d-Limonene	E	E
	Jet Fuel (JP-4)	E	E
	Gasoline	E	E
	Mineral Spirits	E	E
Solvents (Aromatic)	Xylene	G	G
Solvents (Chlorinated)	Methylene Chloride	P	P
Solvents (Ketones & Esters)	Methyl Ethyl Ketone (MEK)	P	P
	Propylene Glycol Methyl Ether Acetate (PMA)	F	P
Miscellaneous Chemicals	20% Ammonium Nitrate	E	E
	Brake Fluid	G	G
	Bleach	G	G
	Motor Oil (SAE30)	E	E
	Skydrol® 500B	G	G
	Skydrol® LD4	G	G
	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 Proctor 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	Eco-ECP™ Results	Eco-EDP™ Results	Eco-ECT™ Results
Flash Point, °F (°C) Seta Closed Cup	ASTM D3278	Part A: >200 (93) Part B: >200 (93)	Part A: >200 (93) Part B: >200 (93)	Part A: >200 (93) Part B: >200 (93)
Percent Solids, by weight	ASTM D2369	Part A: 70.61 Part B: 100 Mixed: 77.06	Part A: 87.74 Part B: 100 Mixed: 90.97	Part A: 98.29 Part B: 99.81 Mixed: 98.75
Density, lb/gal (kg/L)	ASTM D1475	Part A: 9.12 (1.09) Part B: 8.37 (1.00) Mixed: 8.95 (1.07)	Part A: 9.36 (1.12) Part B: 8.37 (1.00) Mixed: 9.08 (1.09)	Part A: 9.22 (1.11) Part B: 8.39 (1.01) Mixed: 8.95 (1.07)
Viscosity, cps Brookfield	ASTM D2196	Part A: Paste Part B: Paste Mixed: Paste	Part A: Paste Part B: Paste Mixed: Paste	Part A: 1000-1400 Part B: 350-400 Mixed: 800-900
Volatile Organic Compound (VOC) lb/gal (g/L)	ASTM D3960	Mixed: A+B 2.05 (246)	Mixed: A+B 0.82 (98)	Mixed: A+B 0.11 (13)

CURED ECO-ECT WITH CANADA GRAY COLORANT COATING PROPERTIES (DRY FILM) Property	Test Method	Results
Abrasion Resistance, mg loss Taber Abraser	ASTM D4060*	70-90
Coefficient of Friction (COF) James Friction Tester	ASTM D2047	0.50-0.55
Compressive Strength, psi (kPa)	ASTM D695	13,500 (93,150)
Tensile Strength, psi (kPa)	ASTM C2370	8,000 (55,200) resin only
Percent Elongation	ASTM D2370	5 resin only
Shore D Hardness	ASTM D2240	70-75 @ 0 sec 65-70 @ 15 sec

ELECTRICAL PROPERTIES Property	Test Method	ECP/ECT Results	EDP/ECT Results
Surface Resistance @ 100V (ESD Association)	ANSI/ESD 7.1–2005	$1.0x10^5$ –<$1.0x10^6$	$1.0x10^6$ –<$1.0x10^9$
Maximum Standing Voltage (with ESD footwear)		<100 volts	<100 volts
Body Voltage Decay 1000V – <50V (with ESD footwear)		<0.5 seconds	<0.5 seconds

APPLICATION CHARACTERISTICS Property	Eco-ECP Results	Eco-EDP Results	Eco-ECT Results
Coverage Rate, ft^2/gal	325-533	325-533	80-107
Application Thickness, wet/dry mils	3-5	3-5	15-20

**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.

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