CREATING A CLEANER, SAFER, HEALTHIER WORLD.

COATINGS

Cementitious Urethane Resurfacers

THE PROVEN SOLUTION™ FOR FOOD AND BEVERAGE PLANTS

- **ADVANCE YOUR SUSTAINABILITY GOALS** – resins are 20% plant-based; less packaging reduces waste
- **LEED®** Credit – LEED Green Building Certification Program credits may be available:
  - – Indoor Environmental Quality
    - – 4.2 Low-Emitting Materials, Paint and Coatings
  - – Material and Resource
    - – 6.0 Rapidly Renewable Materials
- EXTREME THERMAL STABILITY – Formulated to withstand temperature variations from -330°F to +240°F
- SEAMLESS – Does not promote bacterial growth

CHEMICAL RESISTANCE PROPERTIES

		1 / 7 day(s)	All Eco-CUR Products	Eco-HTS 100 w/color
Acids, Inorganic	10% Hydrochloric Acid		G / G	E / E
	30% Hydrochloric Acid (Muriatic)		G / G	F / P
	10% Nitric Acid		G / G	E / F
	50% Phosphoric Acid		G / G	G* / G*
	10 % Sulfuric Acid		G* / G*	E / E
	37% Sulfuric Acid (Battery Acid)		G* / G*	G* / G*
Acids, Organic	10% Acetic Acid		G / G	E / F
	10% Citric Acid		G* / G*	E / E
	50% Citric Acid		G / G	E / E
	Glacial Acetic Acid		G / P	P / P
	Lactic Acid 88%		G* / G	G / P
	Oleic Acid		E / G*	E / E
Alkalies	10% Ammonium Hydroxide		E / E	E / E
	50% Sodium Hydroxide		E / E	E / E
Solvents (Alcohols)	30% Ammonium Hydroxide		E / G*	E / E
	Ethylene Glycol (Antifreeze)		E / E	E / E
	Isopropyl Alcohol		G* / G*	G / G
	Methanol		G* / G	F / P
Solvents (Aliphatic)	d-Limonene		E / E	E / E
	Jet Fuel (JP-4)		E / E	E / E
	Gasoline		E / E	G / G
	Mineral Spirits		E / E	E / E
Solvents (Aromatic)	Xylene		E / E	E / E
Solvents (Chlorinated)	Methylene Chloride		P / P	P / P
Solvents (Ketones & Esters)	Methyl Ethyl Ketone (MEK)		G / P	F / P
	Propylene Glycol Methyl Ether Acetate (PMA)		G* / G	E / G*
Miscellaneous Chemicals	20% Ammonium Nitrate		G / G	E / E
	Brake Fluid		E / G	E / E
	Bleach		G* / G*	E / E
	Motor Oil (SAE 30)		E / E	E / E
	Skydrol® 500B		E / E	E / E
	Skydrol® LD4		E / G*	E / E
	20% Sodium Chloride		E / E	E / E
	1% Tide® Laundry Soap		E / E	E / E
	10% Trisodium Phosphate		E / E	E / E
	Castor Oil		E / E	E / E
	Vegetable Shortening		E / E	E / E
	Water		E / E	E / E
	High Fructose Corn Syrup		E / E	E / E
	Hydrogen Peroxide		G* / G*	E / E
	White Wine		G / G	E / E
	Red Wine		G* / G*	G* / G
	Vodka		E / E	G / G
	Ketchup		G / G*	E / G*
	Mustard		G* / G*	G / G
	Coffee		G* / G*	G* / G*
	Coke®		E / G*	E / E
	Fish Oil		E / E	E / E
	Dish Liquid Hand Soap (Full Strength)		G* / G*	E / E
	Octave™ FS Sanitizer		G / G	G* / P

Registered trademarks: Tide® of Procter and Gamble, Skydrol® of Solutia, Inc., Octave™ of Ecolab® and Coke® of Coca-Cola Co.

Based on 1-day and 7-day spot testing on concrete. Coating cured 2 weeks prior to testing.

E = Excellent (No Adverse Effect) – Recommended

G = Good (Limited Adverse Effect) – Use for short-term exposure only. *Only adverse effect was staining.

F = Fair (Moderate Adverse Effect) – Not recommended.

P = Poor (Unsatisfactory) – Little or no resistance to chemical.

NOTE: Reduced chemical resistance and staining is possible in pigmented versions of the system.

PHYSICAL/PERFORMANCE PROPERTIES

SYSTEM PROPERTIES (LIQUID)	Test Method	Eco-CUR™-C/Eco-CUR™-F/Eco-CUR™-G/ Eco-CUR™-T/Eco-CUR™-W Results
Volatile Organic Compound (VOC)	ASTM D3960	Mixed A+B+C = <0.04 lb/gal (<5 g/L)
Abrasion Resistance		
Taber Abraser CS-17 Taber Abrasion Wheel, 1,000 gram load, 1,000 revolutions	ASTM D4060	100 (Eco-CUR-C/Eco-CUR-T/Eco-CUR-W) 115 (Eco-CUR-F/Eco-CUR-G)
Adhesion to Concrete	ASTM D4541	732 psi (4.48 MPa) (concrete failed)
Adhesion to Concrete	ASTM D7234	450 psi (3.10 MPa) (concrete failed)
Coefficient of Friction – COF, James Friction Tester	ASTM D2047	Greater than 0.60
Wet Static Coefficient of Friction, BOT 3000	ANSI/ NFSI B101.1	0.99
Coefficient of Linear Thermal Expansion	ASTM C531	1.71 x 10-5 in/in/°F
Compressive Strength	ASTM C579	7500-8500 psi (52-59 MPa) – (Eco-CUR-C/Eco-CUR-T/Eco-CUR-W) 8500 psi (59 MPa) – (Eco-CUR-F/Eco-CUR-G)
Flammability	ASTM D635	Self-extinguishing
Flexural Strength	ASTM C580	1,500 psi (10.34 MPa)
Flexural Modulus	ASTM C580	617,000 psi (4254.1 MPa)
Impact Resistance Tested on concrete block	ASTM D2794	160 inch-pounds - no delamination or chipping
Resistance to Yellowing As measured using ASTM D2244 after 1000 consecutive hours UV exposure in QUV	ASTM G154	<10 increase of yellow units (CIE Lab △b)*
Tensile Strength	ASTM C307	700 psi (4.83 MPa)
Tensile Strength	ASTM D2370	6,250 psi (43.09 MPa)*
Percent Elongation	ASTM D2370	6%*
Thermal Stability / Heat Resistance Tested on concrete block	MIL-D-3134J Section 4.6.3	No slip, flow, no softening or change in appearance
Thermal Shock Resistance 20-thermal shock cycles with system on concrete block, surface chilled with ice water followed by immediate shock with boiling water	Internal Test	No cracking, blistering or loss of adhesion to substrate
Water Absorption, 24-hour immersion	ASTM C413	Less than 0.1%

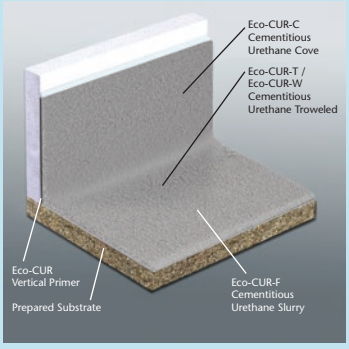
*Testing performed at ambient conditions unless stated otherwise. *Results with optional Eco-HTS™ 100 Topcoat*

APPLICATION CHARACTERISTIC PROPERTY	Eco-CUR-F Results	Eco-CUR-T Results	Eco-CUR-W Results	Eco-CUR-G Results	Eco-CUR-C Results
Application Thickness, inches (mm) / Coverage Rate, ft² (m²), 2-bag mix	1/4" (6.35)/ 45.5 (42) 3/8" (9.53)/ 36 (3.3)	1/4" (6.35)/ 38 (3.5) 3/8" (9.53)/ 28 (2.6)	1/4" (6.35)/ 36 (3.3) 3/8" (9.53)/ 26 (2.4)	1/8" (3.18)/ 75 (6.96) – –	– – –
Application Thickness, inches (mm) / Coverage Rate, lineal feet (lineal meters), 2-bag mix	– – –	– – –	– – –	– – –	4" (101.6) cove height/ 60 (18.3) –

Specifications subject to change without notice.

OPTIONAL COLORS

These colors are close approximations and textures may vary. Eco-CUR-F is available with broadcast option.



FOR FIRST IMPRESSIONS THAT LAST™

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