



CREATING A CLEANER, SAFER, HEALTHIER WORLD.

COATINGS



# Eco-CRETE™

## Cementitious Urethane Resurfacer

THE PROVEN SOLUTION™ FOR  
FOOD AND BEVERAGE INDUSTRY

- LOW ODOR, FAST CURE INSTALLATION
- IMPACT & ABRASION RESISTANT – suitable for heavy traffic
- EXCELLENT CORROSION & CHEMICAL RESISTANCE
- THERMAL SHOCK RESISTANT – steam cleanable to withstand temperature variations from -330°F to 250°F
- RESISTANCE TO MOISTURE VAPOR TRANSMISSION - see chart on back for detailed information
- SAFE ANTI-SLIP SURFACE – meets ADA recommendations
- RESISTANT TO FUNGI GROWTH – ASTM G-21

# PHYSICAL/PERFORMANCE PROPERTIES

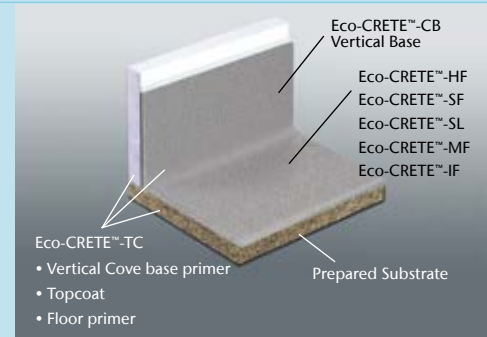
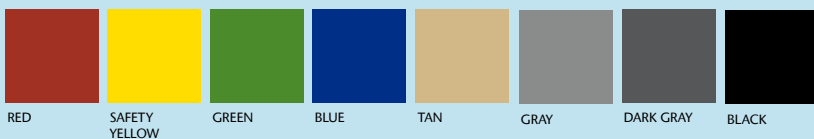
SYSTEM PROPERTIES AT 70°F	Test Method	Eco-CRETE™-HF Results	Eco-CRETE™-SF Results	Eco-CRETE™-SL Results	Eco-CRETE™-MF Results	Eco-CRETE™-CB Results	Eco-CRETE™-TC Results	Eco-CRETE™-IF Results
Compressive Strength	ASTM C-579	7,800 psi	8,200 psi	8,400 psi	7,200 psi	5,800 psi	5,900 psi	6,800 psi
Tensile Strength	ASTM C-307	975 psi	975 psi	1,050 psi	1,050 psi	900 psi	1,250 psi	925 psi
Flexural Strength	ASTM C-580	1,900 psi	2,500 psi	2,700 psi	2,700 psi	1,900 psi	2,900 psi	2,900 psi
Bond Strength	ASTM D-4541	100% Concrete Failure	100% Concrete Failure	100% Concrete Failure	100% Concrete Failure	100% Concrete Failure	100% Concrete Failure	100% Concrete Failure
Impact Strength, in/lbs VOC	ASTM D-4226	>160 in-lb 5 gm/l	>160 in-lb 5 gm/l	>160 in-lb 5 gm/l	>160 in-lb 5 gm/l	>160 in-lb 5 gm/l	>160 in-lb 5 gm/l	>160 in-lb 5 gm/l
Resistance to Fungi Growth	ASTM G-21	Passes, Rating of 1	Passes, Rating of 1	Passes, Rating of 1	Passes, Rating of 1	Passes, Rating of 1	Passes, Rating of 1	Passes, Rating of 1

## APPLICATION CHARACTERISTICS PROPERTY

Product Description	Heavy-Duty Polyurethane Concrete	Self-Flowable Heavy-Duty Polyurethane Concrete	Self-Leveling Polyurethane Concrete	Smooth Finish Flowable Polyurethane Concrete	Polyurethane Concrete – Vertical Cove Base	Polyurethane Concrete Topcoat/Primer	Heavy-Duty Polyurethane Concrete with Iron Aggregate
System Application	Trowel Applied Monolithic Floor	Slurry Applied Broadcasted & Topcoated	Slurry Applied Broadcasted & Topcoated	Slurry Applied Smooth Matte Finish	Trowel Applied Cove Base	Squeegee & Roll Topcoat Over Broadcast Systems or Primer under Vertical Cove Base	Trowel Applied Monolithic Floor
Application Thickness, inches (mm)	1/4" (6.35 mm)	1/4" (6.35 mm)	3/16" (4.76 mm)	3/16" (4.76 mm)	3/16" (4.76 mm)	15 mils (0.381 mm)	3/8" (9.525 mm)
Coverage Rate, 1 bag mix	23 sqft/unit	23 sq ft/unit @ 3/16" for a 1/4" Finished Floor	32 sq ft/unit @ 1/8" for a 3/16" Finished Floor	21 sq ft/unit @ 1/8" for a 3/16" Finished Floor	35 sq ft/unit for a 3/16" x 4" Cove Base	<ul style="list-style-type: none"> <li>• Topcoat: 120 sq ft/unit over 20/40 or 30/40 Broadcast</li> <li>• Primer: 120 sq ft/unit over concrete</li> <li>• Cove Primer (@ 4" cove): 120 sq ft/unit on vertical cove</li> </ul>	17 sq ft/unit
Mixing Ratios	1/2 gal Part A 1/2 gal Part B 1 HF Filler Bag 1 Powder Pigment	1/2 gal Part A 1/2 gal Part B 1 SF Filler Bag 1 Powder Pigment	1/2 gal Part A 1/2 gal Part B 1 SL Filler Bag 1 Powder Pigment	1/2 gal Part A 1/2 gal Part B 1 MF Filler Bag 1 Powder Pigment	1/4 gal Part A 1/4 gal Part B 1 CB Filler Bag 1 Powder Pigment	1/2 gal Part A 1/2 gal Part B 1 TC Filler Bag 1 Powder Pigment	1/2 gal Part A 1/2 gal Part B 1 IF Filler Bag 1 Powder Pigment
Moisture Vapor Transmission Limits	Unlimited	Unlimited	12 lbs or less per 1,000 sq ft over a 24 hour period, per ASTM E-1869	12 lbs or less per 1,000 sq ft over a 24 hour period, per ASTM E-1869	N/A	N/A	Unlimited

## COLOR OPTIONS

These colors are close approximations and textures may vary.



## FOR FIRST IMPRESSIONS THAT LAST™

For more Coatings information, call +1.800.228.4943

or email [info@tenantco.com](mailto:info@tenantco.com)

Tennant  
701 North Lilac Drive  
Minneapolis, MN 55422 USA

USA/Canada: +1.800.553.8033  
Quebec: +1.800.361.9050  
Overseas: +1.763.540.1315