



# RIO-CRETE™



RIO-CRETE™ SL



RIO-CRETE™ MF



RIO-CRETE™ SF



RIO-CRETE™ HF

## INDUSTRIAL STRENGTH URETHANE CEMENT SYSTEMS

RIO-CRETE™ represents the next generation of polyurethane concrete technology. Our Bio-Based flooring systems utilize domestically produced soy bean oil and environmentally friendly packaging.

RIO-CRETE™ also combines the chemical resistance of polymer technology with the durability and strength of cement.

- ✓ High Chemical Resistance
- ✓ Thermal Shock Resistant
- ✓ Moisture Mitigation Resistance
- ✓ Impact and Abrasion Resistant
- ✓ Bio-Based Formula
- ✓ Color Stable Top Coats Available

**RIO-CRETE™**  
#theRIOdifference

RIO FLOORING SYSTEMS INC.  
2926 CHESTER AVE CLEVELAND, OHIO 44114

☎ 888-278-2183

✉ INFO@RIOFLOOR.COM



www.riofloor.com

## HIGH-PERFORMANCE CHEMISTRY

- Exceptional Stain Resistance
- Withstands Thermal Shock
- Excellent Abrasion Resistance
- Bio-Based Formula

## RECOMMENDED APPLICATIONS:

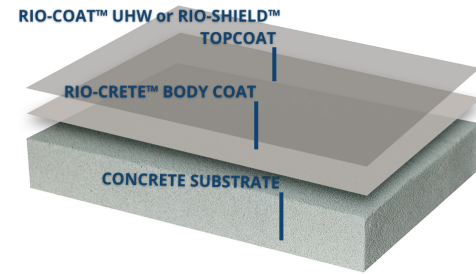
- Commercial Kitchens
- Supermarkets
- Food and Beverage Facilities
- Laboratories
- Breweries & Distilleries

## SAFETY BENEFITS

- Slip-Resistant Textures
- Low V.O.C.
- USDA, FDA, EPA, OSHA and ADA Compliant
- Contributes to LEED® Credits

## EASY MAINTENANCE

- Easy and Economical to Clean
- No Stripping, Waxing or Polishing Needed
- Pressure Sprayable, Power Washable



## STANDARD RIO-CRETE™ SYSTEM

NOTE: To increase service life, we recommend applying RIO-COAT™UHW or RIO-SHIELD™ MMA topcoat on all RIO-CRETE™ Urethane Cement Systems

# TECHNICAL DATA

SCAN TO DOWNLOAD TDS & SDS



PROPERTIES	RIO-CRETE™ SL	RIO-CRETE™ SF	RIO-CRETE™ MF	RIO-CRETE™ HF	RECOMMENDED TOP COAT OPTIONS	
					RIO-COAT™ UHW	RIO-SHIELD™ MMA
APPLICATION	Medium Duty	Heavy Duty	Medium to HD	Heavy Duty	High Traffic	Fast Installation
COMPRESSIVE STRENGTH (ASTMC-579)	8,400 psi	8,200 psi	7,200 psi	7,800 psi	Moisture Cured Urethane	Cures in 1 Hour
TENSILE STRENGTH (ASTM C-307)	1050 psi	975 psi	1050 psi	975 psi	High Gloss or Satin Finish	UV Resistant
FLEXURAL STRENGTH (ASTM C-5800)	2,700 psi	2,500 psi	2,700 psi	1,900 psi	Non-Slip Options	VOC Compliant
BOND STRENGTH (ASTMD-4541)	100% Concrete Failure	100% Concrete Failure	100% Concrete Failure	100% Concrete Failure	Pigmented or Clear	Excellent Scratch and Chemical Resistance
IMPACT STRENGTH in/lbs (ASTM) D-4226	>160 in-lb	>160 in-lb	>160 in-lb	>160 in-lb	Non-Yellowing	Non-Slip Options
VOC	5gm/l	5gm/l	5gm/l	5gm/l	UV Stable	
RESISTANCE TO FUNGI GROWTH (ASTM G-21)	Pass, Rating of 1	Pass, Rating of 1	Pass, Rating of 1	Pass, Rating of 1	Excellent Stain Resistance	

The data shown above reflects typical results based on laboratory testing under controlled conditions. Variations from the data shown may result. Test methods are modified where applicable.

PACKAGING & COVERAGE	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
10 GALLON KIT INCLUDES: 5gal Part (A), 5gal Part (B), 10 Bags Part (C)	R-CSL-10 Cove Kits Available	R-CSF-10 Cove Kits Available	R-CMF-10 Cove Kits Available	R-CHF-10 Iron-Filled & Cove Kits Available	R-UHW-1H 1.45 gal kit	R-MMT-5 5 gal kit
THICKNESS (Finished Floor)	3/16"	1/4"	3/16" Smooth	1/4" - 3/8"	R-UHW-6H 5.75 gal kit	R-MMT-50 50 gal kit
COVERAGE	32ft² per gallon	23ft² per gallon	23ft² per gallon	23ft² per gallon	500ft² per gallon	80ft² per gallon

## COLOR SELECTION

