



RIOCRETE SF

Trowel Applied Heavy-Duty
Polyurethane Concrete



RIOCRETE SF is a heavy-duty seamless flooring system typically installed at 1/4" in thickness. RIOCRETE SF tough and withstands thermal shock, impact, abrasion and chemical exposure. RIOCRETE SF offers various surface profiles to meet individual project requirements. RIOCRETE SF is formulated with a natural additive to be resistant to fungi growth per the industry standard ASTM G-21.

- Seamless, hygienic finish; no grout joints
- Impact & abrasion resistant surface
- Low odor, fast installation, fast cure
- Thermal shock & chemical resistant
- High temperature resistant to 200°F, varies with different topcoat options
- Anti-slip surface, meets ADA recommendations
- Resistant to moisture vapor transmission (MVT)
- Resistant to fungi growth per ASTM G-21

Recommended Uses

- Food & beverage processing facilities
- Chemical process facilities
- Pharmaceutical facilities
- Wet processing & packaging areas
- Commercial Kitchens

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Rio Flooring Systems Offers Solutions for all your Unique Project Needs



Packaging and Coverage

1/2 Gallon Part A, 1/2 Gallon Part B
1 SF Filler Bag
3 fluid oz. liquid pigment

23 sq ft/unit for a 1/4" finished floor

Typical Properties

Compressive Strength (ASTMC-579)	8,200 psi
Tensile Strength (ASTM C-307)	975 psi
Flexural Strength (ASTM C-580)	2,500 psi
Bond Strength (ASTMD-4541)	100% Concrete Failure
Impact Strength, in/lbs (ASTM D-4226)	>160 in-lb
VOC	5 gm/l
Resistance to Fungi Growth (ASTM G-21)	Passes, Rating of 1

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.

Installation Data

Application Temperature, ambient	40 – 85°F
Application Temperature, material	50 – 80°F
Shelf Life	6 months
Pot Life, @77°F	15 minutes
Traffic, @77°F	Light: 12 hours Full: 24 hours
Fully Cured, @77°F	7 days

Colorants

Gloss and Satin Matte Finish



RIO FLOORING SYSTEMS



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Published technical data & instructions are subject to change without notice. Please contact Rio Flooring Systems for the most current technical data, safety data & application instructions.

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