RIO FLOORING SYSTEMS

RIOCRETE HF

Trowel Applied Heavy-Duty Polyurethane Concrete

RIOCRETE HF is a heavy-duty seamless flooring system typically installed at 1/4 - 3/8” in thickness. RIOCRETE HF is extremely tough and withstands thermal shock, impact, abrasion and chemical exposure. RIOCRETE HF 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 suitable for heavy traffic and fork lift operation
- Low odor, fast installation, fast cure
- Excellent corrosion & chemical resistance
- High temperature resistant to 250ºF
- Thermal shock resistant; steam cleanable
- Resistant to moisture vapor transmission (MVT)
- Anti-slip surface, meets ADA recommendations
- Resistant to fungi growth per ASTM G-21

Recommended Uses

- Food & beverage processing facilities
- Chemical process facilities
- Pharmaceutical facilities
- Pulp and paper mills
- Wet processing & packaging areas
- Commercial Kitchens
- Freezers and coolers
- Battery charging areas
- Truck unloading areas

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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 HF Filler Bag
3 fluid oz. liquid pigment

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

Typical Properties

Compressive Strength (ASTMC-579)	7,800 psi
Tensile Strength (ASTM C-307)	975 psi
Flexural Strength (ASTM C-580)	1,900 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 – 85ºF
Application Temperature, material	50 – 80ºF
Shelf Life	6 months
Pot Life,@77ºF	15 minutes
Traffic, @77ºF	Light:12 hours Full: 24 hours
Fully Cured,@77ºF	7 days

Colorants

Gloss and Satin Matte Finish

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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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