

RIO FLOORING SYSTEMS



RIO CLAD

Power Trowel Epoxy Overlay



RIO CLAD is an epoxy mortar that is power troweled. Most commonly used to repair corroded floors, or protects them from heavy duty wear.

This system is a 100% solids epoxy designed by creating a dense protective layer over the concrete. This mortar is uniquely chemical-resistant and is ideally suited for industrial applications where a compacted, epoxy mortar is specified.

Application

thickness: 3/16" to 1/4".

- Repairs concrete floors
- Higher compressive strength than concrete
- Strengthens floors for heavy traffic such as forklifts
- Large area restoration solution
- Cost savings in repairing, not replacing floors

Industries We Serve

- Food & Beverage Processing
- Commercial & Retail
- Healthcare & Medical
- Aviation & Transportation
- Manufacturing
- Technology & Science
- Restaurants & Hospitality
- Education

RioFloor.com

1/4" Power Trowel Epoxy Overlay

Rio Flooring Systems Offers Solutions for all your Unique Project Needs



Packaging and Coverage

RIO CLAD

900 sq ft kit Includes:

RIO CLAD Part A (Qty 16)
RIO CLAD Part B (Qty 16)
RIO CLAD Part C (Qty 48)
RIO Primer Part A (Qty 2)
RIO Primer Part B (Qty 1)

11,700 sq ft kit Includes:

RIO CLAD Part A (Qty 5)
RIO CLAD Part B (Qty 1)
RIO CLAD Part C (Qty 624)
RIO Primer Part A (Qty 21)
RIO Primer Part B (Qty 21)

Typical Properties

Percent Solids, by weight	ASTM D2369	100
Volatile Organic Compound (VOC) lb/gal (g/L)	ASTM D3960	0 (0)
CURED COATING PROPERTIES (DRY FILM)		
Coefficient of Friction	ASTM D2047	0.60 – 0.63
Coefficient of Thermal Linear Expansion, mm/mm/°C	ASTM D696	1.97 x 10 ⁻⁵
Compressive Strength, psi (MPa)	ASTM C579	10,000 (68.95)
Flexural Strength, psi (MPa)	ASTM D790	3,700 (25.51)
Flexural Modulus of Elasticity, psi (MPa)	ASTM D790	1.8 x 10 ⁶ (0.01 x 10 ⁷)
Heat Deflection Temperature	ASTM D648	140°F (60°C) @ 264 psi (1.82 MPa) load 151°F (66°C) @ 66 psi (0.46 MPa) load
Izod Impact Strength, lb/in (N/m)	ASTM D256	0.26 (45.53)
Tensile Strength, psi (MPa)	ASTM C307	1,690 (11.65)
UV/Light Stability	Will yellow or amber over time	
Coverage Rate, ft ² (m ²) / 3 bag mix	56-70 (5.2-6.5)	
Application Thickness, inches (mm)	1/4-3/16 (6.35-4.76)	

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.

Colorants

Gloss and Satin



Custom colors are available. Contact Rio Flooring Systems for more information.

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Rio Flooring Systems Inc.
2926 Chester Avenue
Cleveland, Ohio 44114
612.913.1514
F: 954.800.0469

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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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