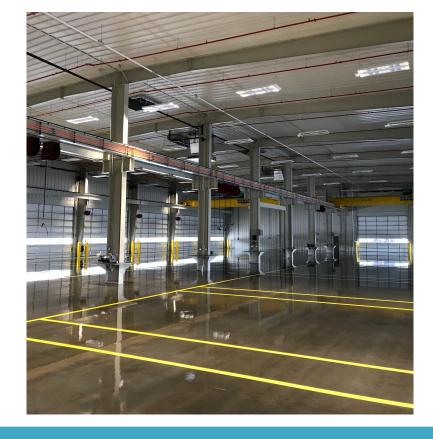


RIO CLAD Power Trowel Epoxy Overlay



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

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: 11,700 sq ft kit Includes: RIO CLAD Part A (Qty 16) RIO CLAD Part A (Qty 5) RIO CLAD Part B (Qty 16) RIO CLAD Part B (Qty 1) RIO CLAD Part C (Qty 48) RIO CLAD Part C (Qty 624) RIO Primer Part A (Qty 2) RIO Primer Part A (Qty 21) RIO Primer Part B (Qty 1) 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) 3,700 (25.51) ASTM D790

Flexural Strength, psi (MPa)

Flexural Modulas of Elasticity, psi (MPa) ASTM D790 1.8 x 106 (0.01 x 107) 140°F (60°C) @ 264 psi Heat Deflection Temperature ASTM D648 (1.82 MPa) load

> 151°F (66°C) @ 66 psi (0.46 MPa) load

Izod Impact Strength, lb/in

ASTM D256 0.26 (45.53) ASTM C307 Tensile Strength, psi (MPa) 1,690 (11.65) **UV/Light Stability** Will yellow or amber over time Coverage Rate, ft² (m²) / 3 bag mix 56-70 (5.2-6.5) 1/4-3/16 (6.35-4.76) Application Thickness, inches (mm)

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.





Rio Flooring Systems Inc. 2926 Chester Avenue Cleveland, Ohio 44114

612.913.1514 F: 954.800.0469

RioFloor.com