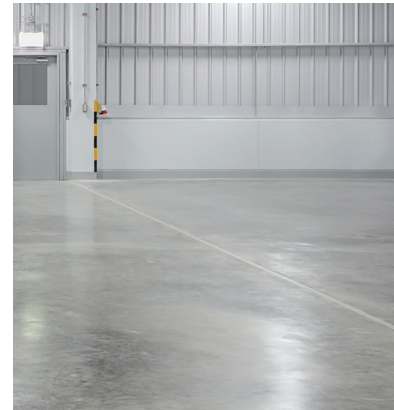




RIOCOAT EMP

Epoxy Multi-Purpose Coating



RIOCOAT EMP is a high solids epoxy coating that can be used on multiple surfaces. This resilient high-gloss surface is easy to clean and provides protection against wear and abrasions. Can be applied clear or pigmented.

- Primer and epoxy topcoat system
- Low maintenance
- Faster cure
- Primer for sand filled re-surfacer and liquids for the sand filled re-surfacer (typically filled 7.5:1 with silica sand)
- Primer and broadcast liquids when a saturation broadcast system either with silica sand, color quartz or vinyl chips are being utilized
- Smooth and high-gloss finish

Industries We Serve

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

Epoxy Multi-Purpose Coating

Rio Flooring Systems Offers Solutions for all your Unique Project Needs



Packaging and Coverage

Unit Size Kits: 2:1 ratio

- 3 Gal Kit
(Part A-Resin (2 Gal), Part B-Hardener (1 Gal))
- 15 Gal Kit
(Part A-Resin (10 Gal), Part B-Hardener (5 Gal))

Standard mix consists of 2 Gal of resin (Part A), 1 Gal of hardener (Part B), and if pigmented, 1 pint of colorant.

Typically applied with a squeegee and back-rolled.

When applied as a primer over prepared concrete the material typically goes down at:

- 8 mils
- or 200 sq ft per Gal
- or 600 sq ft per 3 Gal mix

Can be applied at thicknesses ranging from 6 - 20 mils depending on the requirements of the job.

Typical Properties

Hardener (Part B)

	50°F	70°F	90°F
Mixed Viscosity (77°F):		590 cps	
Working time (min):	30-40	20-25	15-20
Dry to Touch (hrs):	12-14	7-8	5-6
Maximum Re-coat (hrs):	36	30	24
Floor installation temperature limits: 50°F - 90°F (min to max).			

RIOCOAT EMP	Resin (Part A)	Hardener (Part B)
Viscosity (77°F):	1200-1300 cps	90-100 cps
Flash Point:	>300°F	>255°F
Weight per Gal:	9.4 lbs./ Gal	8.1 lbs./ Gal
VOC:	Clear 42 G/L	Pigmented 48 G/L

Compressive Strength: ASTM C579-A
Resin (Part A) and Hardener (Part B) only

	Clear	Pigmented
16 hours	5800 psi	4900 psi
24 hours	7000 psi	6103 psi
72 hours	9633 psi	8510 psi
7 days	11849 psi	10849 psi

Abrasion Resistance: 57 mgs. 60 mgs.
(CS 17 wheels 1000 gram weight, 1000 cycles)

Water absorption ASTM C-413: <0.1 %
Flammability ASTM D-635 - Self Extinguishing
Adhesion to Concrete: >400 psi

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



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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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