

RIO FLOORING SYSTEMS



Rio Coat ECP

Pre-Pigmented White Epoxy



RIOCOAT ECP 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. .

- Primer and epoxy topcoat system
- Low maintenance
- Faster cure
- Smooth and high-gloss finish



Industries We Serve

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

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Epoxy Multi-Purpose Coating

Rio Flooring Systems Offers Solutions for all your Unique Project Needs



Packaging and Coverage

Unit Size Kits: 2:1 ratio

- 4 Gal Kit
(Part A-Resin (3 Gal), Part B-Hardener (1 Gal))
- 20 Gal Kit
(Part A-Resin (15 Gal), Part B-Hardener (5 Gal))

Standard mix consists of 3 Gal of resin (Part A), 1 Gal of hardener (Part B),

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 ECP	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.



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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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