



RIOCOAT UHW

High Solids Urethane, Gloss or Satin



RIOCOAT UHW is a high solids moisture cured urethane coating. It can be applied clear or pigmented with no filler leaving a high gloss smooth finish, glass beads can be added to provide non-slip, better abrasion resistance with high gloss or aluminum oxide can be added to provide the highest abrasion resistance. The addition of more aluminum oxide will provide a satin finish while adding less will give a gloss finish.

RIOCOAT UHW must be applied to a primed or coated floor. For the best adhesion the basecoat should be applied within 24 hours and be sanded with an abrasive buffing disc typically carborundum 180 grit. **RIOCOAT UHW** must be applied no thicker than 4 mils. No puddles can be left as the material will gas and create a foam like appearance if thicker films are installed.

- Excellent adhesion to substrates and abrasion resistance
- Excellent wetting properties, stain and chemical resistance
- Great choice for all applications where urethane topcoats are being installed
- Extremely low VOC (50 state compliant)
- Minimal to no odor
- User friendly application process
- Non-yellowing, UV stable 100% aliphatic urethane

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Rio Flooring Systems Offers Solutions for all your Unique Project Needs



Packaging and Coverage

Unit Size Kits: 4:1 ratio

- 1.5 Gal Kit
(Part A-Resin (1 Gal), Part B-Hardener (1 Quart))
- 6 Gal Kit
(Part A-Resin (5 Gal), Part B-Hardener (1 Gal))

Optional Additives:

If adding Gloss, 1 pint of colorant

If adding Satin (Part C), 1 quart (1.5 Gal Kit)

If adding Satin (Part C), 1 Gal (6 Gal Kit)

Coverage

1.5 Gallon Kit: 550-700 SF (450-550 SF / working gallon)

Typical Properties

Mixed Components

	50°F	70°F	90°F
Working time (min):	30-40	20-25	15-20
Dry to Touch (hrs):	8-12	6-8	4-5

Maximum Re-coat must be buffed.

Floor installation temperature limits: 50°F - 90°F (min to max).

Odor:	Mild	
VOC Content:	2 g/l	(ASTM D7668-12)
Pencil Hardness:	5H	(ASTM D3363)
Cross-Hatch Adhesion:	5B	(ASTM D3359)
Tensile Strength:	110400%	
Elongation:	16%	
Pot life (once mixed):	75 min	
Working time:	20 min	

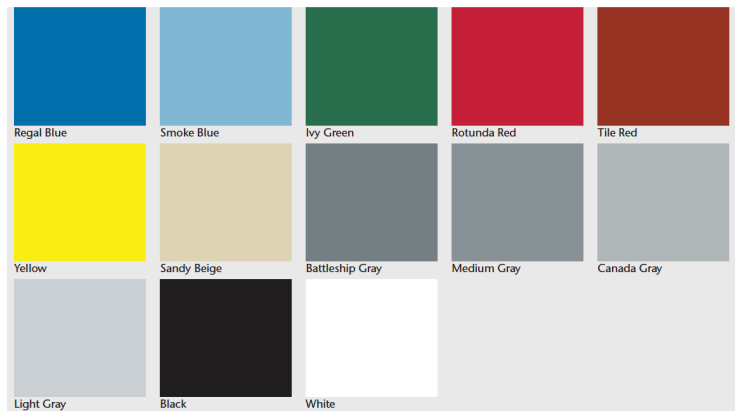
The data shown above reflects typical results based on laboratory testing under controlled conditions. Variations from the data shown may result. Test methods are modified where applicable.

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Colorants

Gloss and Satin



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

RIO FLOORING SYSTEMS



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