

DESCRIPTION: RhinoCoat™ Trowel is a trowel applied, solid color, high gloss, resin-rich, seamless, epoxy based flooring system with high compressive strength for outstanding performance characteristics. Typically installed at a thickness range of 1/8" - 1/4", this heavy duty system is often installed to protect new concrete or re-profile damaged or worn floors. RhinoCoat Trowel provides custom matched slip-resistance, cleanability and aesthetics that are easily tailored to each specific project.

TYPICAL USES: RhinoCoat™ Trowel is easy to be applied and high performance, making it suited to a very wide range of industrial and commercial flooring applications. These include, but are not limited to;

- Commercial Kitchens
- Locker and shower rooms
- Aircraft Hangers
- High Traffic aisles
- Wash Bays
- Manufacturing areas
- Hospitals
- Animal Care facilities
- Prisons
- Garage Service Bays
- Waste Transfer Stations
- Production Lines
- Bottling Facilities
- Wet and Dry Processing areas

FEATURES & BENEFITS:

- Easy Application
- Excellent Abrasion Resistance
- Superior Impact Resistance
- Wide Range of Top Coats
- Good Chemical Resistance
- Low Odor/Zero VOC
- Meets USDA, FDA, & CFIA Standards
- Moisture Tolerant Primer up to 8 lbs or Internal RH of 99%
- Service Temperature up to 220°F, or 250°F for Intermittent Spills
- Fast-cure Resins Available for quicker turn-around
- Can Be Applied to "Green" Concrete
- Wide Color Range
- Aesthetic Finish
- Doesn't Support Bacteria or Fungal Growth
- Good Thermal Shock Resistance
- UV Top Coats Available
- Excellent Chemical, Stain & Impact Resistance

Technical Data	
Packaging	Primer: RhinoCoat EP in 3 or 15 gallon units Mortar: RhinoCoat GP in 3 or 15 gallon units RhinoCoat Trowel Aggregate in 50 lb bags Grout: RhinoCoat GP in 3 or 15 gallon units Top Coat: RhinoCoat GP in 3 or 15 gallon units (addition of Pigment Packs or Color Packs as required) (many additional high performance top coats available)
Yield	Primer: RhinoCoat EP @ 175 - 225 sq ft per gallon Mortar: RhinoCoat Trowel kit @ 120 sq ft per batch @ 3/16" RhinoCoat Trowel kit @ 90 sq ft per batch @ 1/4" Grout: RhinoCoat GP @ 175 sq ft per gallon Top Coat: RhinoCoat GP @ 120 sq ft per gallon (Mortar kit = 3 gallons of RhinoCoat GP + 200 lbs of RhinoCoat Trowel Aggregate + 2 Pigment Packs)

RHINO COAT™ TROWEL (continued):

Colors	See RhinoFlooring Color Chart - RhinoCoat and RhinoCrete colors available
Pot Life / Open Time @ 70°F	40 minutes
Wait Time Between Coats @ 70°F	10 hours (varies with temperature)
Cure Time @ 70°F	Foot Traffic = 12 hrs, Light Traffic = 3 days, Full Cure = 7 days. (Can be accelerated)

APPLICATION METHODS: See application guide lines for details.

STORAGE: Materials should be stored indoors between 65°F (18°C) and 90°F (32°C)

SHELF LIFE: Unopened containers - 1 year from date of manufacturing

YIELD : Actual material consumption and coverage rates will depend upon application, porosity and profile of substrates.

Allowance must be also made for variation in film thickness or number of coats required to achieve opacity with light (i.e. white) or bright colours (i.e. reds and yellows) on dark substrates. Test sections are recommended to establish correct coverage.

CHEMICAL PROPERTY	TEST METHOD	RhinoCoat Trowel
Tensile Strength	ASTM C-307	920 psi
Adhesion	ASTM D-4541	>290 psi, substrate fails
Impact Resistance	ASTM D-2794	>2.1 ft lb
Water Absorption	ASTM D-570	<0.1%
Flammability	ASTM E-648	Class 1
Abrasion Resistance: CS17 Wheel 1000 GM Load 1000 Cycles	ASTM D-4060	0.15 g loss
Coefficient of Friction (James Friction Tester) Wet Dry	ASTM D-2047	0.9 (smooth) 0.9 (smooth)
Temperature Resistance - Continuous - Intermitant		150 °F 220 °F
Compressive Strength	ASTM C-579	13,548 psi
Tensile Strength	ASTM C-307	1,500 psi
Flexural Strength	ASTM C-580	>4,500 psi
Flexural Modulus of Elasticity	ASTM C-580	2.6 × 10 ⁶ psi
Thermal Coefficient of Linear Expansion	ASTM C-531	1.1 × 10 ⁻⁵ in./in.°F

SAFETY PRECAUTIONS: Health Considerations: Consult the Rhino Linings® Safety Data Sheets (SDS) Chemical systems require the use of proper safety equipment and procedures. Please follow the Rhino Linings® product SDS and Safety Manual for detailed information and handling guidelines. For Your Protection: The information and recommendations in this publication are, to the best of our knowledge, reliable. Suggestions made concerning the products and their uses, applications, storage and handling are only the opinion of Rhino Linings Corporation. Users should conduct their own tests to determine the suitability of these products for their own particular purposes and of the storage and handling methods herein suggested. The toxicity and risk characteristics of products made by Rhino Linings Corporation will necessarily differ from the toxicity and risk characteristics developed when such products are used with other materials during a manufacturing process. The resulting risk characteristics should be determined and made known to ultimate end-users and processors. Because of numerous factors affecting results, Rhino Linings Corporation makes no warranty of any kind, express or implied, other than that the material conforms to its applicable current Standard Specifications. Rhino Linings Corporation hereby disclaims any and all other warranties, including but not limited to those of merchantability or fitness for a particular purpose. No statements made herein may be construed as a representation or warranty. The liability of Rhino Linings Corporation for any claims arising from or sounding in breach of warranty, negligence, strict liability, or otherwise shall be limited to the purchase price of the material.

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