

DESCRIPTION: RhinoCoat™ Hanger is a monolithic, solid color, high gloss, seamless, epoxy based flooring system with high chemical resistance and compressive strength for outstanding performance characteristics. Typically installed at a thickness range of 17 - 45 mils, this heavy duty coating system is designed to withstand the chemicals and traffic commonly experienced in Aircraft Hangers.

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

- Aircraft Hangers
- Aircraft Maintenance facilities
- Garage Service Bays
- Manufacturing areas
- Animal Care facilities
- Prisons
- Warehouses
- Bottling Facilities

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

CHEMICAL PROPERTIES:

	Result
Solids by Volume	70%
Volatile Organic Compounds	250 g/l
Mix Ratio, parts per volume	2A (resin) : 1B (hardener)
Pot Life @ 77°F (25°C)	1 – 2 hrs (less in hotter temperatures)
Recoat, min / max	4 – 12 hrs / 24 hrs
Dry to Touch @ 77°F (25°C)	4 – 6 hrs
Walk on Time (light foot traffic)	24 hrs
Full Cure	7 days
Recommended Mil Thickness	15 - 45 mil WFT
Recommended Application Temperature	≥50°F (10°C)
Shelf Life - unopened containers	24 months (when stored at 50 – 80°F)

RHINOCOAT Hanger (continued):

TYPICAL PHYSICAL PROPERTIES:

	Test	Result
Hardness (Konig) - pendulum	ASTM D-256	127
Impact Resistance (in/lb)	ASTM D-2794	61
Taber Abrasion Resistance (mg of loss/1000 cycles) CS17 Wheel; 1000 grams weight	ASTM D-4060	34
Flexibility	ASTM D-222	passes 1/8 inch
60° Gloss		90-95

SURFACE PREPARATION: The surface must be clean and sound, free from moisture, oil, dirt, waxes, and any other contaminants that may interfere with bonding. Some methods include shot-blasting, or scrubbing with detergent, acid washing, neutralizing, rinsing and wet/dry vacuuming. Do not apply RhinoSeal™ HPU directly over concrete or steel. Apply only over properly primed or previously coated surfaces. For going over an existing epoxy or urethane coating, in good condition, use #80 grit sandpaper, to lightly abraid the surface. If more than one coat of RhinoSeal™ HPU will be applied, the second coat should be applied within a 24 hour period after the first. After 24 hours of curing, the first coat will need to be sanded before applying the second coat, to insure proper adhesion. (For more information on surface preparation, see the Products Manual).

WARNING: RhinoSeal™ HPU is combustible and should be kept away from open flames. Turn out all pilot lights. Wear the proper breathing mask in areas with poor ventilation. Read Material Safety Data Sheet before using. For professional use only!

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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