

# RhinoSeal PA



 **Rhino Flooring**<sup>TM</sup>  
**NATURALLY TOUGH**  
*by Rhino Linings®*

[www.rhinoflooring.com](http://www.rhinoflooring.com)





## RhinoSeal™ PA Coatings

- Return to service typically in one day
- Heavy duty wear capability for heavy traffic - no hot tire peel
- Easy to apply (roller, squeegee or spray)
- High in solids, low VOCs
- Low temperature application.
- Excellent color stability



**RhinoSeal™ PA is a two-component, rapid curing, polyaspartic coating system that is durable and decorative for commercial and industrial flooring.**

Formulated with aliphatic chemistry, RhinoSeal™ PA is color stable, allowing it to take UV exposure without the color shift seen with other coating systems such as epoxies. RhinoSeal™ PA is a 1:1 mix ratio system with sufficient pot life to be rolled, brushed or sprayed with Rhino Linings® application equipment.

**RhinoSeal™ PA is available in fast, medium and slow cure formulations giving applicators a range of cure rates to suit individual project conditions and requirements.**

### Typical Applications

- Airplane Hangars
- Decks
- Garage Floors
- Laboratories
- Commercial Kitchens
- Entrance / Lobby / Show Rooms
- Industrial Floors
- Manufacturing Facilities

RhinoSeal™ PA creates a durable, seamless coating which conforms to any shape and size. Contact Rhino Flooring™ for case studies and white papers.

### RhinoSeal™ PA vs. Epoxy

Description	RhinoSeal™ PA	Epoxy
Install time	One day	3 - 4 days
Return to service	Next day	4 - 5 days
Jobs completed in a week	5	2
Abrasion Resistance	Excellent	Good
Odor	Low	Low
VOCs	Low VOC	Low to High VOCs
High solid content	Yes	Yea
Application temperatures	As low as 32°F (0°C)	Above 55°F (13°C)
Elongation/expands with surface/joint	Yes	No
Color stability	UV stable	Non-UV stable
Gloss retention	Very good	Poor
Chemical resistance	Excellent	Good

*†Epoxies require multiple steps to build film thickness*



## Chemical Resistance

Excellent resistance to many chemicals. (7 day immersion):

- |                        |           |
|------------------------|-----------|
| • Ammonium hydroxide   | No effect |
| • Brake Fluid          | No effect |
| • Coolant or Anti-free | No effect |
| • Gasoline             | No effect |

## Surface Preparation

See the Rhino Flooring application instructions for full surface preparation instructions. Substrate should be clean, dry and free of oils and other contaminants. Rhino™ recommends diamond grinding or shotblasting for creating surface profile. Acid or wet etching is not recommended.

## Color Options

Simulated granite and quartz. Color - Pigmented in gray, beige or clear. Custom colors are also available by special order.

## Thickness

The recommended coating thickness is 12 - 15 mils. Speak with a Rhino Flooring™ representative for your specific application requirements.

## Storage and Shelf Life

RhinoSeal™ PA components should be stored in sealed containers at 60 - 90° F (15 - 32°C) in a dry area.

- Part A - Isocyanate: Six months, unopened; stored properly.
- Part B - Resin: Twelve months, unopened, stored properly.

## Key Benefits

- Fast cure allowing rapid turnaround time; under normal conditions, light foot traffic within 2 - 4 hours, return to service within 24 hours.
- Robust application window with ability to apply at low temperatures and high humidity.
- Excellent abrasion and impact resistance.
- Excellent chemical resistance, high gloss characteristics.
- Bonds to virtually all substrates including metal, wood, concrete, and fiberglass.
- Ability to achieve high film build reducing the number of coats required for proper thickness.
- Low VOCs; environmentally friendly.

### Property

### Result Test

Hardness (Shore)		
- Pencil	2H	
- Pendulum	160	
Tensile Strength (psi)*	6500	ASTM D-412
Elongation (%)*	6 - 8	ASTM D-412
Impact Resistance (lbs)	100	
Taber Abrasion Resistance	50 - 60	ASTM D-4060
Specific Gravity (grams/cc)	1.0	ASTM D-792
Water Absorption (%)	0.3	ASTM D-570
QUV Weatherometer, 4000 hours	No effect	
- Oxidation, loss of gloss, blistering yellowing		
Chemical Resistance	No effect	
- Ammonium hydroxide, brake fluid, coolant/anti-freeze, gasoline		

\*Properties checked on dry films at 5 - 10 mils thick, air dried for 7 days.

For more information contact Rhino Flooring™ at call 1-877-358-1320 or visit [rhinoflooring.com](http://rhinoflooring.com)





At Rhino Flooring™, we believe in challenging the status quo and thinking differently. The way we do this is by making our products simple to use and easy to understand, with outstanding performance characteristics.

While most companies focus on what and how, we at Rhino® believe in starting with WHY... Our existence was born from a marketplace void created by those who forgot about why they do what they do. Rhino® is focused on meeting the needs of the end-user, catering to the demands of the contractor and enhancing our industry by providing flooring resins that are market leading.

Leveraging the unbeatable performance and pedigree of Rhino Linings®, Rhino Flooring™ delivers unmatched product performance.



**[www.rhinoflooring.com](http://www.rhinoflooring.com)**

Rhino Flooring™ maintains a technical staff that will answer your questions and give you advice pertaining to your particular installation. Consult with product SDS for safety and handling prior to project start. The photos depicted in this brochure are shown for guideline purposes only, and are not intended to represent the entirety of techniques or methods used by authorized applicators. Please keep a copy of SDS documents onsite. All businesses are independently owned and operated. ©2019 Rhino Linings Corporation. All rights reserved. 0419 7618



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