



## RezGuard Shop Floor Coating



RezGuard thin-mil epoxy or urethane flooring is a solid color seamless flooring system consisting of 100% solids epoxy and natural quartz aggregates with a chemical and wear-resistant topcoat. Available in standard or coarse textures, it provides a monolithic, one-color surface perfect for hiding imperfections and withstanding heavy-duty use. Incorporating decorative scores or multiple colors or by exposing the natural concrete with clear coating gives different options for custom-designed effects. ■ RezGuard thin-mil epoxy or urethane floors are typically installed over concrete. Thin-mil flooring systems usually consist of a two- or three-coat application, have a clear or colored finish, and often replace concrete sealants. Thin-mil coatings provide a durable finish and are used in light industrial environments as well as residential and commercial applications. They can be made slip- and stain-resistant and, in combination with urethanes, they provide excellent UV stability and chemical resistance.

**Because of its slip resistance, durability, and chemical resistance, RezGuard is great for:**

- Manufacturing Plants
- Fire Stations
- Laboratories
- Pharmaceutical Plants
- Garages/Service Areas
- Supermarkets
- Animal Care Facilities
- Hangars & Equipment Bays

### **RezGuard Thin-Mil / Shop Floor Features:**

- Chemical Resistant
- Slip and Stain Resistant, Even When Wet
- Abrasion Resistant
- Attractive Finish
- Customizable Color & Texture
- Up to 5 Times Stronger than Concrete
- Easy to Clean
- Durable for Light Industrial, Commercial, and Residential Use



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## Typical Properties of an 1/4" thick RezGuard

Property	Value	Reference
Hardness	70-80	Shore D ASTM D2240
Compressive Strength	12,500 psi	ASTM C579
Flexural Strength	5,700 psi	ASTM C790
Flexural Modulus	500,000 psi	ASTM C5580
Tensile Strength	8,500 psi	ASTM C307
Tensile Modulus	4.7 x 10 <sup>5</sup> psi	ASTM D638
Tensile Elongation	4.8% 4.8%	ASTM D638
Coefficient of Thermal Expansion	0.0004 inches	ASTM C531
Water Absorption	0.04%	ASTM C413
Heat Distortion Temperature	245°F 118°C	ASTM D648
Slip Resistance	0.5	ASTM C1028
Indentation	3.27%	MIL-D3134
Impact Resistance	Pass	MIL-D3134
Wear Resistance	0.023 inch	ASTM D1242 Method A
Elevated Temperature Resistance	1/32 inch	MIL-D3134
FDA/USDA accepted for incidental food contact	Yes Yes	

## Liquid Resin Properties

Viscosity at 70°F	600 CPS
Pot Life at 70°F	16 minutes
Cure Time, Touch Dry at 70°F	6-8 hours
Cured Film Thickness:	18 Mils at 100 Sq.Ft. P/G
USDA Accepted	

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