

Sustainability & Warranty

Grip-Gard® BC System

Grip-Gard® Plus



AkzoNobel
Tomorrow's Answers Today

Better for the planet and better for your business.

When it comes to sustainability and performance too often people assume that there has to be a compromise. Fortunately with our Grip-Gard® BC System and Grip-Gard® Plus from AkzoNobel, it's possible to deliver the best of both worlds without compromising either. In fact, these breakthrough products achieve the exceptional sustainability, performance and profitability to revolutionize the sign industry.

AkzoNobel Sign Finishes goal has been to consistently deliver products that not only meet, but in many cases vastly exceed the strictest standards.

For example, all of AkzoNobel's sign products were lead-free and chrome free long before legislative requirements demanded it – in the case of lead, since 1994. In addition, the entire product portfolio is NESHAP 6H compliant.



AkzoNobel is consistently rated in the top 10% within the Dow Jones Sustainability Indexes. This is a rating measured against industry peers in the chemical industry sector.

Continuous commitments are made to our employees, communities and the environment, as well as continuous improvements made in all areas of business functions and product innovations.



Superior Durability & UV Protection

Durability has many beneficial aspects. Having a tough outer coat protects the surface for a variety of manufactured sign substrates, allowing the finished sign product to maintain its color...longer. AkzoNobel achieves this by providing clear coats and pigmented products which contain UV properties that enhance product durability.

Primer / Topcoat System Warranty	North America Canada (exc. Gulf Coast & FL.)	U.S. Gulf Coast & Florida	U.S. Desert South West, Mexico & Central America
All Grip-Gard® Plus Topcoat high, semi or satin gloss	5 years	4 years	4 years
Grip-Gard® Plus or Grip-Gard® BC System with semi or satin clear-coat.	7 years	6 years	6 years
Grip-Gard® Plus or Grip Gard® BC System with high gloss clear-coat.	10 years	7 years	7 years

Physical Characteristics & Test Data

Grip-Gard® BC System and Grip-Gard® Plus Sign Finishes

AkzoNobel's Grip-Gard® BC System and Grip-Gard® Plus finishes have been tested using the methods below on a variety of substrates.

Test Description	Test Method	Test Results	Conclusions
QUV	ASTM-D4587	1500 hrs= 94% gloss retention	Excellent
Humidity	ASTM-D-2247	30 Days / Blistering = 0 on scale of 1-10 Adhesion = 5A	No effect
Water Immersion	ASTM-D870	5 Days / Blistering = 0 on scale of 1-10 Adhesion = 5A	No effect
Pencil Hardness	ASTM-D-3363	2H	Good mar & scratch resistance
Salt Spray	ASTM-D-117	250 Hours / Adhesion = 5A Blistering F/ 8 Rust Creep =<1	Good adhesion; with virtually no blisters / rust
Impact Resistance	ASTM-D-2794	Direct - 120 inch-lbs Reverse - 64 inch-lbs	Excellent
Flexibility	ASTM-D-522	Pass at 3.0 mils film thickness	Good Flexibility
MEK Double Rubs	ASTM-D-4752	Over 200 double rubs	No effect
Gravelometer (Stone chip resistance)	ASTM-D-3170	GM Rating 7	Excellent
GM Accelerated Corrosion	GM9540P	80+ cycles / Blistering F/ 8 Rust Creep =<1	Excellent corrosion resistance

Chemical Resistance Testing

Grip-Gard® finishes have been tested for chemical resistance against the following assortment and has shown excellent resistance to damage.

Acetic Acid, Aqueous Fire Fighting Foam (AFFF), Anti-freeze, Brake Fluid, Diesel Fuel, Diesel Fuel Conditioner, Truck Wash Solutions, Hydrochloric Acid, Hydraulic Fluid, Sodium Hydroxide, Phosphoric Acid, Sulfuric Acid, Unleaded Fuel, Graffiti Removers. Test results may be dependent on substrate and the preparation of the substrate as well as pretreatments and primers used.