

### PRODUCT DESCRIPTION

**Cerakote® H-300 High Gloss Armor Clear** is a Ceramic Coating designed to provide a high-quality, long-lasting finish for a variety of substrates. **Cerakote® H-300** is durable, corrosion-resistant and provides unparalleled levels of hardness and adhesion. This coating is also resistant to a wide range of solvents and chemicals. The foundation for **Cerakote® H-300** is a unique ceramic technology that imparts both flexibility and excellent wear resistance to the final coating. **H-300** is designed to protect both metal and non-metal substrates and be used as a top coat over a number of coatings and materials. Temperature rated up to 300°F.

In addition to performance, **Cerakote® H-300 High Gloss Armor Clear** is designed for ease of application. **H-300** is VOC-exempt and available as a two-component, oven-cure system with a pot life of one hour in an open container.

Cure Schedule Options (H-100 Catalyst at 9:1):

200°F for 2 hours  
250°F for 1 hour

Visit [www.cerakote.com](http://www.cerakote.com) for additional information.

### H-300 High Gloss Armor Clear

Gloss Level (Polished Aluminum)	410 Gloss Units at 60°
Gloss Level (Blasted Steel)	20 Gloss Units at 60°
Theoretical Solids by Weight	25% +/- 2%
Theoretical Coverage per gallon at 1.0 mil	396 ft <sup>2</sup>
Viscosity (Brookfield Viscometer)	5.07 cP
Recommended Film Thickness	0.5 to 1.0 mil
5% Salt Spray (ASTM B117)	317 hours
Pencil Hardness (ASTM D3363)	9h
Scratch Hardness (ASTM D3363)	8h
Adhesion Cross-Cut Tape (ASTM D3359)	5B
Mandrel Bend (ASTM D522)	No coating loss with 180° rotation
Impact (ASTM D2794)	160/160 inch-lbs
Abrasion (ASTM D4060)	602.50 cycles per mil
Density (g/mL)	0.93

**SHELF LIFE: 12 MONTHS FROM DATE OF SHIPMENT.**

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The information contained in this bulletin we believe to be correct to the best of our knowledge and testing. The recommendations and suggestions herein are made without guarantee or representation as to results. We recommend that you make adequate tests in your laboratory or plant to determine if this product meets all your requirements.