

## PRODUCT DESCRIPTION

The World's leading thin film coating. **Cerakote® H-Series** is a line of ceramic-polymer hybrid coatings that is designed to provide unmatched performance with an attractive and desirable finish.

**Cerakote® H-Series** coatings provide exceptional corrosion protection, hardness, adhesion, flexibility, impact, chemical and wear resistance. These industry leading performance characteristics are all achieved at low film thickness, making H-Series an ideal surface finish for a wide range of applications, especially those with tight tolerance requirements. **Cerakote® H-Series** is compatible with a wide variety of substrate materials, exhibiting excellent adhesion to metals, plastics, polymers, wood, glass, fiberglass and carbon fiber composites.

**Cerakote® H-Series** coatings are a two-component, easy-to-apply, oven cure system that are VOC exempt in all 50 States. In addition to industry leading performance, these coatings have one of the lowest cost per square foot of any comparable coating on the market. Refer to product specific SDS with your local, state and federal regulations to ensure VOC compliance.

**Cerakote® H-Series** coatings are available in over 100 colors, many with adjustable gloss levels to suit your requirements. Most H-Series coatings can be mixed together to create unlimited custom colors and shades.

Get the latest updates and news at [www.Cerakote.com](http://www.Cerakote.com).

**Recommended applications include, but are not limited to: Firearms, knives, tools, eye wear, consumer electronics, wearables, valves, sporting and athletic equipment, robotics, audio equipment, fresh and salt water applications and any other application requiring a tough and durable performance coating.**

## H-213 Battleship Grey (1:18 Catalyst Ratio)

Gloss Level	Gloss Category at 60°, Eggshell
Theoretical Solids by Weight	30 % +/- 2%
Theoretical Coverage per gallon at 1.0 mil	475 ft <sup>2</sup>
Viscosity (Brookfield Viscometer)	55 cP
Recommended Film Thickness	0.5 mil to 2.0 mils with spray thickness up to 3.0 mils
5% Salt Spray at 2 mils (ASTM B117)	1435 hours
Gouge Hardness (ASTM D3363)	8h
Scratch Hardness (ASTM D3363)	6h
TQC Pen Hardness	18 (Newtons, 1mm tip)
Adhesion Cross-Cut Tape (ASTM D3359)	5b
Mandrel Bend (ASTM D522)	0 mm loss with 180° rotation
Impact (ASTM D2794)	160/160 inch-lbs
Thermal Emissivity	0.94
Liquid Density (g/mL)	1.35
Dynamic CoF over SS (ASTM D1984)	TBD

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

Results based on coated blasted steel panels cured at 250 oF for 2 hours immediately after application.

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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.

As of: 8/12/2016