



PRODUCT DATA CERAKOTE™

H-SERIES/HIR-SERIES TWO-COMPONENT CERAMIC FIREARM COATINGS

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PRODUCT DESCRIPTION

Cerakote™ **H/HIR-Series** Ceramic Firearm Coatings are designed to provide a high- quality, long-lasting finish for firearms and firearm accessories. Cerakote™ **H/HIR-Series** coatings are durable, corrosion-resistant and provide unparalleled levels of hardness and adhesion.

These coatings are also resistant to most solvents and chemicals. The foundation for Cerakote™ **H/HIR-Series** coatings is a unique ceramic technology that imparts both flexibility and excellent wear resistance to the final coating.

In addition to performance, the Cerakote™ **H/HIR-Series** line of products is designed for ease of application. Each color is VOC-exempt and available in a two-component, oven-cure system.

Cure Schedule Options:
250°F for 2 hours
300°F for 45 minutes

Cerakote™ **H/HIR -Series** Ceramic Firearm Coatings are currently available in several metallic or non-metallic finishes and different gloss levels. Visit www.nicindustries.com to view a complete color chart.

Cerakote™ H/HIR-Series Firearm Coatings are recommended for barrels, actions, frames, receivers, and firearm accessories.

H – 146/HIR – 146 GRAPHITE BLACK

SPECIFICATION	18:1	24:1
Gloss Level	Matte; 6.8 Gloss Units at 60°	Matte; 1.7 Gloss Units at 60°
Theoretical Solids by Weight	33% +/- 2%	32% +/- 2%
Theoretical Coverage per gallon at 1.0 mil	529 ft ²	513 ft ²
Viscosity #2 Zahn Cup	14 seconds	14 seconds
Recommended Film Thickness	1.0 mil	1.0 mil
5% Salt Spray (ASTM B117)	3000 hrs	3000 hrs
Pencil Hardness (ASTM D3363)	9h	9h
Scratch Hardness (ASTM D3363)	7h	7h
Abrasion (ASTM D4060)	6666 cycles per mil	—
Adhesion Cross-Cut Tape (ASTM D3359)	5B	5B
Mandrel Bend (ASTM D522)	0 mm at 180° rotation; ¼" mandrel	0 mm at 180° rotation; ¼" mandrel
Impact (ASTM D2794)	160 / 160 inch-lbs	160 / 160 inch-lbs

SHELF LIFE: 12 MONTHS FROM DATE OF SHIPMENT.

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