NIC INDUSTRIES, INC.

TECHNICAL DATA SHEET

DIVISIONS OF NIC INDUSTRIES, INC.
PRISMATIC POWDERS | CERAKOTE FIREARM COATINGS | CERAKOTE HIGH TEMPERAURE CERAMIC COATINGS
www.nicindustries.com | 866-774-7628 | 7050 6th St. White City, OR 97503

PRODUCT DESCRIPTION

Cerakote™ **H-Series** Ceramic Firearm Coatings are designed to provide a high- quality, long-lasting finish for firearms and firearm accessories. Cerakote™ **H-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-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-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 1 hour

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

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

H-190 Armor Black

Gloss Level (18:1)*	Traditional Matte; 2.3 Gloss Units at 60°
Theoretical Solids by Weight	30% +/- 2%
Theoretical Coverage per gallon at 1.0 mil	476 ft^2
Viscosity (Brookfield Viscometer)	87.00 cP
Recommended Film Thickness	1.0 mil
5% Salt Spray (ASTM B117)	TBD hours
Pencil Hardness (ASTM D3363)	9h
Scratch Hardness (ASTM D3363)	9h
TQC Hardness Test (Newtons/mm^2)	18
Adhesion Cross-Cut Tape (ASTM D3359)	5B
Mandrel Bend (ASTM D522)	No coating loss with 180º rotation
Impact (ASTM D2794)	160/160 inch-lbs
Thermal Emissivity	0.97
Density (g/mL)	1.37

SHELF LIFE: 12 MONTHS FROM DATE OF SHIPMENT.

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