

PRODUCT DESCRIPTION

The Cerakote™ **C-Series** Ambient-Cure Ceramic Coatings are designed to protect both metal and non-metal substrates. Additionally, the **C-Series** Ambient-Cure Ceramic Coatings are formulated to withstand extreme temperatures (~1200°F) without discoloring. This makes the coating ideal for exhausts, pistons and other components for high-temperature systems.

C-Series Ambient-Cure Ceramic coatings maintain excellent adhesion even after repeated thermal cycling. These coatings provide superior protection against corrosive environments and thermal shock.

In addition to performance, the **C-Series** Ambient-Cure Ceramic products are designed for ease of application. Each product is VOC-exempt and cures quickly at room temperature.

Cure Schedule (Ambient Temperature):

Tack free at 40 minutes

Dry after 24-hours

100% cure after 5days

C-Series Ambient-Cure Ceramic Coatings are currently available in several metallic and non-metallic finishes and different gloss levels. Visit www.nicindustries.com to view a complete color chart.

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.

C-128 Hunter Orange

Gloss Category at 60°	Satin, 21-35 Gloss Units
Theoretical Solids by Weight	49.3% +/- 2%
Theoretical Coverage per gallon at 1.0 mil	789.97 ft ²
Viscosity (Brookfield Viscometer)	194.5 cP
Recommended Film Thickness	0.5 mil to 2.0 mils
5% Salt Spray at 2 mils (ASTM B117)	TBD hours
Gouge Hardness (ASTM D3363)	6h
Scratch Hardness (ASTM D3363)	6h
Thermal Emissivity	0.00
Adhesion Cross-Cut Tape (ASTM D3359)	5b
Mandrel Bend (ASTM D522)	1 mm loss with 180 degree rotation
Impact (ASTM D2794)	60/80 inch-lbs
Liquid Density (g/mL)	1.27

NIC Industries, Inc. does not warranty the use or application of the materials it manufactures or supplies. Our only obligation shall be to replace any defective materials supplied by us or refund the original purchase price of that product after we have determined the product to be defective. We assume no liability for damages of any kind and the user accepts the product "as is" and without any warranties, expressed or implied. The suitability of the product and/or intended use shall be solely the responsibility of the user.

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.