



TECHNICAL DATA SHEET

Cerakote® W-400 Glacier Chrome is the first high temperature, corrosion resistant, polished ceramic coating that is totally chrome free. **Cerakote W-400** contains no chromium (III) or hexavalent chrome. **Cerakote W-400** maintains excellent adhesion, thermal stability and a lustrous appearance even after repeated thermal cycling to 1,300°F. Unlike chrome plating, **Cerakote W-400 Glacier Chrome** will not discolor or “rainbow” during normal use. In addition to performance, **Cerakote W-400** is formulated for ease of application. It is a ready to spray, direct to metal, water-based coating requiring no solvents or chemicals for preparation and cleaning.

Cure Schedule:

Preheat parts to 500°F
500°F for 1 hour
Follow curing with polishing in a vibratory polisher

Cerakote W-400 Glacier Chrome is recommended for high temperature application, including all types of exhaust systems. Visit www.cerakote.com for more information.

Contact a Cerakote sales representative to determine which coating is appropriate for your application.

W-400 GLACIER CHROME

Theoretical Solids by Weight	51% $\pm 2\%$
Theoretical Coverage per gallon at 1.0 mil	818 ft ²
Viscosity	20 cP
Recommended Film Thickness	1 - 2 mil
5% Salt Spray (ASTM B117)	TBD
Pencil Hardness (ASTM D3363)	8H
Scratch Hardness (ASTM D3363)	6H
Adhesion Cross-Cut Tape (ASTM D3359)	5B
Mandrel Bend (ASTM D522)	99% Resistance
Impact (ASTM D2794)	140/80 inch-lbs
Density (g/mL)	1.50 g/mL
Strainer Size	100

*Results based on coated blasted steel cured at 500°F for 1 hour immediately after preheating parts.

Shelf Life: 12 Months from date of shipment

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.

All Cerakote coatings are VOC compliant under the EPA and have low to no VOC content. To find out the VOC content of an individual coating please contact sds@nicindustries.com for more information.

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.