

Technical data sheet

Date	: FEB. 18, 2017
Product name	: Interpon ACE 2010
Product code	: YL001QF (Formerly E0-7010)
Color	: CNH CE Gray – Interpon ACE 2010
Product Description	: Interpon ACE 2010 is a series of superior UV and weather resistant TGIC Free polyester powder coatings designed for exterior exposure and for use as a decorative and/or functional coating for agricultural and construction equipment and components. Tested against the most severe specifications, Interpon ACE 2010 coatings provide significantly improved gloss retention and resistance to color change. Additionally, these coatings possess outstanding transfer efficiency and faraday cage penetration.

Powder properties

Type	: Polyester TGIC Free	
Particle size	: +200 mesh: 0-8%	ASTM D3451
-Alpine jet Sieve	+325 mesh: 20-30%	
20° Gloss	: 80+ units	ASTM D523
60° Gloss	: 90+ units	ASTM D523
Specific gravity	: 1.23 +/-0.05 g/cm ³	
Coverage at 1.0 mil	: 156 sq.ft/lb/mil	
Storage conditions	: Dry cool conditions (<80°F, <25°C)	
Shelf life	: 12 months, typical	
Film Thickness	: 2.0-3.0 mils	
Cure Schedule	: 7-10 minutes at 375° F metal temperature	

Failure to observe the correct curing conditions may cause difference in color, gloss and the deterioration of the coating properties.

Mechanical tests

Impact Resistance	: 140 in.lbs	(5/8" indenter)	ASTM D2794
Pencil Hardness	: 2H		ASTM D3363
Crosshatch Adhesion	: 5B		ASTM D3359
Flexibility (Method A)	: Pass- No cracks		ASTM D522

Chemical tests

Salt Spray Resistance	: Rating= 9 @ 1000 hours	ASTM B117 <u>and</u> D1654
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*Testing was performed on Bonderite® 1000 Parcolene® 60 panels.

Substrate pre-treatment

Aluminum, steel or Zinc surfaces to be coated must be clean and free from grease. Iron phosphate and

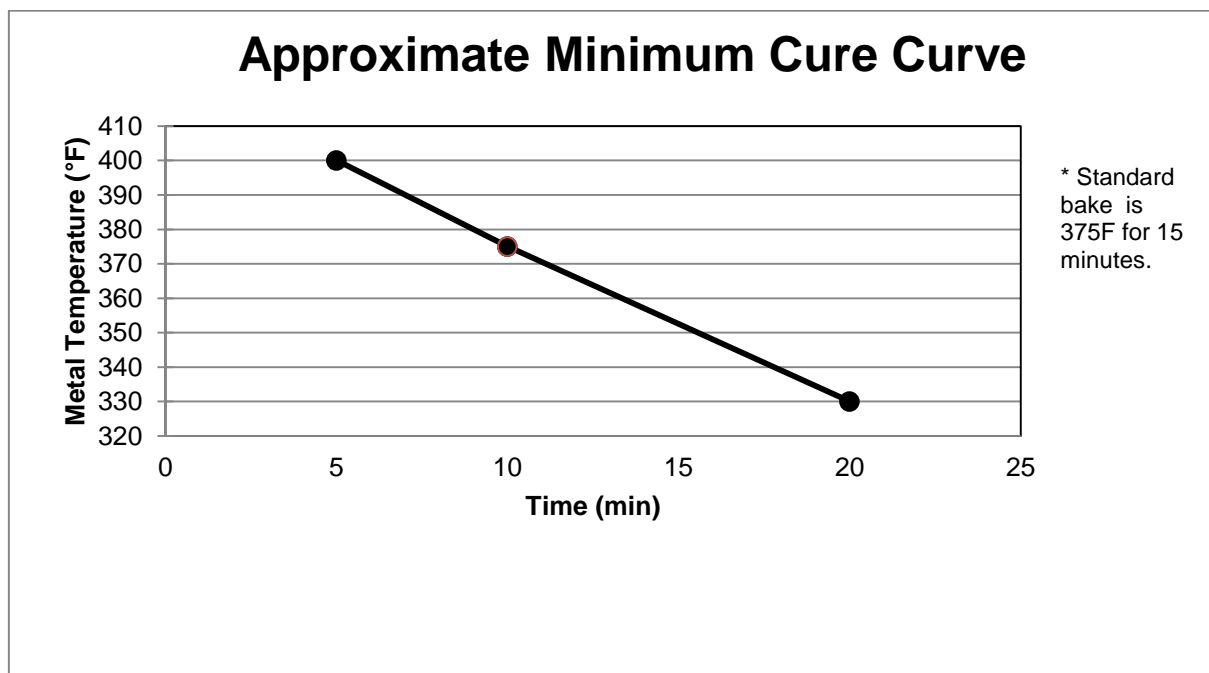
particularly lightweight zinc phosphating of ferrous metals improves corrosion resistance. Aluminum substrates may require a chromate or non-chromate conversion coating.

Application

Interpon ACE 2010 powders can be applied by manual or automatic electrostatic spray equipment. It is recommended that for consistent application and appearance the product be fluidized during application. Unused powder can be reclaimed using suitable equipment and recycled through the coating system. For more detailed information please contact an AkzoNobel technical service representative.

Additional Information

Interpon ACE 2010 super durability powder is an economical and environment friendly coating. Comparing to common outdoor use powder coating, it provides better anti-corrosion performance, color stability and gloss retention after exposure. In serious application environment, a primer is necessary. However, performance is still influenced by substrate & pretreatment type and film thickness uniformity.



Safety Precautions

Please consult the Safety Datasheet (SDS).

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IMPORTANT NOTE: The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Safety Data Sheet and the Technical Data Sheet

for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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