

Product Data Sheet

AkzoNobel Powder Coatings

Interpon 800 QZ013QF Clear

Product Description	Interpon 800 is a range of high durability TGIC powder coatings designed for exterior exposure. Tested against the most severe specifications, Interpon 800 gives significantly improved gloss retention and resistance to color change. Interpon 800 powders are available in a wide range of colors and glosses.		
Powder Properties	Chemical type	Polyester TGIC	
	Appearance	Smooth	
	Gloss level (Gardner 60°)	90+	
	Recommended Film thickness	2.5 – 3.2	
	Specific gravity	1.23 +/-0.05 g/cm³	
	Coverage @ 1.0 mil	156 sq.ft/lb/mil	
	Storage	Maximum 80°F	
	Shelf life	12 months, typical	
	Curing schedule (at object temperature)	15 minutes at 375°F 20 minutes at 350°F 40 minutes at 325°F 60 minutes at 300°F	
Mechanical Tests	Flexibility	ASTM D522	1/8” mandrel
	Adhesion	ASTM D3359	100%
	Impact resistance (Direct)	ASTM 2794	160
	Hardness	ASTM3363	2H
Environmental and Durability Tests	Neutral Salt Spray	ASTM B117	<1/16” creep, no blisters, at 500 hrs
	Humidity	ASTM D2247	No Change at 1000 hours
	Exterior Durability	Yes	
Test Conditions	Testing has been determined under laboratory conditions using the following application properties and is for guidance only.		
	Substrate	CRS	
	Pretreatment	Iron Phosphate (B1000)	
	Film thickness	2.5 – 3.2 mils	
	Cure schedule	20 minutes at 350°F	
	Actual film performance will depend on the individual circumstances in which the product is used.		
Pre-treatment	Steel surfaces to be coated must be clean and free from grease. For maximum protection, it is essential to pre-treat components prior to the application of Interpon 800 . Iron phosphate and zinc phosphate of ferrous metals improve corrosion resistance. Aluminum substrate may require a conversion coating.		
Application	Interpon 800 powders can be applied by manual or automatic electronic spray equipment. It is recommended that for consistent application and appearance product be fluidized		

during application. Unused powder can be reclaimed using suitable equipment and recycled through the coating system.

Additional Information	Interpon 800 powders have up to 5 years of Florida exposure with good gloss and color stability.
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Key Product Attributes	Super-durable, Perspiration resistant
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Safety Precautions	Please consult the Safety Datasheet (SDS).
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Disclaimer	<p>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 fulfil the demands set out in the local rules and legislation. Always read the Material 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.</p>
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