

Product Data Sheet

AkzoNobel Powder Coatings

Interpon A4701 QN014QF

Product Description

Interpon A4701 primers have been formulated to work with a variety of base coats and curing conditions. They offer excellent levelling and smoothness while providing superior corrosion and chip resistance. **Interpon A4701** primers are engineered to minimize outgassing, and they can be applied over a wide range of film thicknesses and application conditions to reduce defects and improve first run quality. They come in customized color or in the standard color white and black.

Powder Properties

Chemistry	Polyester TGIC
Area of usage	Wheels primer
Particle size	Custom manufactured
Appearance	Smooth, glossy
Color	Black
Gloss (60°)	> 85 GU
Density (g/cm³)	1.22 ± 0.05
Coverage at 1.0 mil	157.62 sq.ft./lb./mil
Storage conditions	≤ 80° F maximum
Shelf life	12 months from production date
Cure schedule	15 minutes at 375° F (time at object temperature)

Test Conditions

The results are based on mechanical and chemical tests which (unless otherwise indicated) have been carried out under laboratory conditions and are given for guidance only. Actual product performance will depend upon the circumstances under which the product is used.

Substrate	Aluminum
Pretreatment	Chromate conversion
Film Thickness	2.0 - 4.0 mils
Cure Schedule	15 min at 375°F

Mechanical and Durability Tests

Adhesion	ASTM D3359	100%
Hardness	ASTM D3363	H-2H
Impact (direct)	ASTM D2794	80-120 inch-lbs
Impact (reverse)	ASTM D2794	80-120 inch-lbs
Flexibility	ASTM D522	1/4" mandrel
Exterior Durability	Yes	

Corrosion Tests

Salt Spray	ASTM B117	>240 hours, or per OEM spec
Humidity	ASTM D2247	>240 hours, or per OEM spec

OEM Approvals

General Motors	GMW14885, GMW14885-B
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Pre-treatment

Aluminum substrate must be clean and free from grease. For maximum protection, it is essential to pre-treat components prior to the application of **Interpon A4701**. OEM aluminum wheels, require a chromate or non-chromate conversion coating prior to application of **Interpon A4701** coatings.

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Application

Interpon A4701 powders can be applied by manual or automatic electrostatic 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.

Safety Precautions

This product is intended for use only by professional applicators in industrial environments and should not be used without reference to the relevant health and safety data sheet which Akzo Nobel has provided to its customers.

Disclaimer

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 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. 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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AkzoNobel Powder Coatings B.V. T +31 (0)71 308 6981
Rijksstraatweg 31 (building 24) F +31 (0)71 318 6924
PO Box 3 www.interpon.com
2170 BA Sassenheim
The Netherlands

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