

Product Data Sheet

AkzoNobel Powder Coatings

Interpon HT 350 WA001JR

Product Description

Interpon HT 350, WA001JR, provides corrosion protection and appearance integrity for high temperature components such as stove barbecue exhaust pipes that are made of iron, aluminized steel, cast iron substrates.

Powder Properties

Gloss (60°)	85-95
Density	1.6+/- 0.1 g/cm ³
Storage	Dry cool conditions
Shelf life	Under dry, cool (<25°C) conditions 6 months at least
Stoving schedule (object temperature)	20 minutes at 210°C

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

Test Conditions

The results shown below 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	Type 1 Aluminized steel panels (ASTM A463)
Film Thickness	60-80 µm
Stoving Schedule	20 minutes at 210°C (object temperature)

Mechanical Tests

Flexibility	ASTM-D522 (Conical Mandrel)	N/A
Adhesion	ASTM-D3359 (2 mm Crosscut)	GT0/GT1
Recoatibility	ASTM-D3359 (2 mm Crosscut)	Not recommended
Hardness	ASTM-D3363 (Gouge)	2H

Other Tests

Cyclic Corrosion	SAE J2334	N/A
Thermal Exposure (200°C for 24 hours)		Color visually acceptable (DE<2)
Thermal Exposure (250°C for 1 hour)		Loss of of gloss, yellowing (DE<5), neither cracking not film detachment; it keeps good adhesion GT0

Pre-treatment

All oil and grease, scale, rust, dirt and process markings such as grease pencil or chalk must be removed. A multi-stage cleaning including a conversion coating is recommended for optimum performance

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Application

WA100JR powders can be applied by manual or automatic electrostatic spray equipment. Recommended film thickness is 60 – 80 µm (2.4-3.2mils). For more detailed information please contact AKZONOBEL technical service team.

Additional Information

Interpon HT 350, WA001JR, was formerly known as MOR-TEMP™ Polar White, 111MT10800

Safety Precautions

Please consult the Material Safety Datasheet (MSDS)

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
24 Rijksweg 31 F +31 (0)71 318 6924
31 / PO Box 32170 BA www.interpon.com
Sassenheim
The Netherlands

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