

## Technical data sheet

<b>Date</b>	: FEB. 16, 2015
<b>Product name</b>	: EL043QF Interpon A4700 : Alloy Wheel Primer
<b>Color</b>	: Grey
<b>Product Description</b>	: <b>Interpon A4700 wheel primer grey</b> is a series of performance engineered powder coatings designed for the highest automotive OEM standards for aluminum wheels. They provide excellent smoothness and appearance, corrosion and chemical resistance and mechanical properties. <b>InterponA 4700 Primers</b> are smooth and out gassing resistant and are excellent for fully painted wheel systems.

### Powder properties

<b>Type</b>	: hybrid (Epoxy/Polyester)
<b>Gloss</b>	: high gloss / 85.0-95.0 units
<b>Specific gravity</b>	: 1.36+/-0.10
<b>Particle size</b>	: suitable for electrostatic spray
<b>Stoving schedule</b> (object temp)	: 375°F @ 15 MIN.
<b>Storage conditions</b>	: maximum 80° F/ 27°C ( <i>open boxes must be resealed</i> )
<b>Shelf life</b>	: 12 months

### Test Conditions

<b>Substrate</b> (Mechanical tests)	: Aluminium
<b>Substrate</b> (Chemical/durability tests)	: chrome conversion, non-chrome
<b>Application method</b>	: Electrostatic Spray
<b>Cure schedule</b>	: 375°F @ 15 MIN.
<b>Dry film thickness</b>	: 2.0-4.0 mils / 50-100 µm
<b>Testing condition</b>	: 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.

### Mechanical tests

<b>Flexibility</b>	: 1/8" mandrel	ASTM D522
<b>Adhesion</b>	: 100%	ASTM D3359
<b>Pencil Hardness</b>	: H-2H	ASTM D3363
<b>Impact</b> (reverse)	: 80 inch-lbs	ASTM D2794
<b>Impact</b> (direct)	: 80 inch-lbs	ASTM D2794

## Chemical tests

<b>Salt spray (Blasted Steel)</b>	: < 1/32" creep @, 504 hrs	ASTM B117
<b>(Iron Phosphate)</b>	: < 1/4" creep @ 3024 hrs	
<b>(Zinc Phosphate)</b>	: < 1/4" creep @ 4032 hrs.	
<b>Humidity</b>	: No change at 1000 hours	ASTM D2247No

## Substrate 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 A4700** primers. OEM aluminum wheels, require a non-chromate conversion coating prior to application of **Interpon A4700** coatings.

## Application

**Interpon A4700** powders can be applied by manual or automatic electrostatic spray equipment. Unused powder can be reclaimed using suitable equipment and recycled through the coating system.

## Additional Information

**Interpon A4700** is approved from almost all Global OEM's like:

Ford, GM Group, Chrysler, BMW Group (BMW, Mini, Rolls Roys) , Daimler Benz, VW Group (VW, Audi, Bentley, Porsche, Skoda, Seat.), Fiat Group (Fiat, Ferrari, Lancia, Alfa...), PSA, Renault, Volvo, Honda, Toyota, Nissan, Mazda, Suzuki, Kia, Hyundai and more....

## Safety Precautions

Please consult the Material Safety Datasheet (MSDS)

### FOR PROFESSIONAL USE ONLY

**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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