

# Product Datasheet



## BU Powder Coatings Interpon 600 GABRIEL SILVER Code: JWA44N

<b>Product Description:</b>	<b>Interpon 600 GABRIEL SILVER</b> is a metallic smooth finish polyester powder coating for exterior environment, offering excellent light and weather resistance from a single coat finish on a variety of substrates. When applied with right equipments and expertise, this powder provides excellent flow and finish effect for aesthetic appeal as well as coverage.
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	Result	Method
<b>Powder Properties:</b>		
<b>Colour</b>	Metallic	
<b>Gloss(60° ahead)</b>	85±5	ASTM D523-89
<b>Specific Gravity</b>	1.5-1.7 g/cm <sup>3</sup>	Theoretical
<b>Particle size</b>		Suitable for electrostatic spray
<b>Storage</b>		Keep in dry & cool conditions, away from direct sunlight
<b>Shelf life</b>		12 Months when stored in sealed carton as per above conditions

**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.

<b>Mechanical and Chemical Test :</b>		
<b>Substrate</b>	Aluminium	
<b>Pre-treatment</b>	Chromate	
<b>Film Thickness</b>	50-70 microns	ASTM D 1186-93
<b>Stoving</b>	10 minutes at 200°C (EMT)	
<b>Adhesion</b>	GT=0	ASTM D 3359 -97
<b>Scratch Hardness</b>	2 kg	ASTM D 1474-92
<b>Flexibility (Conical Mandrel)</b>	6 mm	ASTM D522 –93A
<b>Erichsen Cupping</b>	8 mm	ASTM 643-84
<b>Impact</b>	100 kg. cm	ASTM D2794
<b>Salt Spray</b>	<3 mm corrosion creep from scribe after 500 hrs exposure in SST cabinet	ASTM B-117
<b>Humidity Chamber</b>	No blistering, no colour change after 500 hrs exposure in Humidity cabinet	ASTM D2247
<b>QUV-A (340 nm)</b>	Passes 500 hrs (60% gloss retention on polishing)	ASTM G154

**Pre-treatment:** For more information regarding specific substrates and applications for **Interpon 600 GABRIEL SILVER** contact AkzoNobel.

**Application:** **Interpon 600 GABRIEL SILVER** can be applied by manual or automatic electrostatic spray equipment. Unused powder can be reclaimed using suitable equipment and recycled through the coating system.

**Safety Precautions:** When using do not eat, drink or smoke. Do not breathe the dust. In case of insufficient ventilation wear suitable respiratory equipment. For further information please refer to the specific product Material Safety Data Sheet (MSDS – PC082).