

Product Datasheet



BU Powder Coatings

Interpon 600 AUTO SILVER

Code: JW092N

Product Description:	Interpon 600 AUTO SILVER 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
Powder Properties:		
Colour	Metallic	
Gloss(60° ahead)	70±5	ASTM D523-89
Specific Gravity	1.5-1.7 g/cm ³	Theoretical
Particle size		Suitable for electrostatic spray
Storage		Keep in dry & cool conditions, away from direct sunlight
Shelf life		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.

Mechanical and Chemical Test :	Substrate	Mild Steel	
	Pre-treatment	Zinc Phosphate	
	Film Thickness	60-70 microns	ASTM D 1186-93
	Stoving	10 minutes at 200°C (EMT)	
	Adhesion	GT=0	ASTM D 3359 -97
	Scratch Hardness	3 kg	ASTM D 1474-92
	Flexibility (Conical Mandrel)	7 mm	ASTM D522 –93A
	Erichsen Cupping	6 mm	ASTM 643-84
	Impact (Direct)	100 kg. cm	ASTM D2794
	Salt Spray	<3 mm corrosion creep from scribe after 500 hrs exposure in SST cabinet	ASTM B-117
	Humidity Chamber	No blistering, no colour change after 500 hrs exposure in Humidity cabinet	ASTM D2247
	QUV – A (340 nm)	Passes 500 hrs (60% gloss retention on Polishing)	ASTM G154

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

Application: **Interpon 600 AUTO 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).

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Interpon
powder coatings
EVERY COLOR IS GREEN