



Interpon 600 Polyester TGIC Clear / General Industry

Item Code
JZ009K

Product Description Interpon 600 TGIC Clear is a series of polyester based powder coatings designed for the exterior environment, offering anti-corrosive and decorative protection

Powder Properties	Chemical type	CLEAR / GLOSS
	Particle size	Suitalbe for electrostatic spray
	Specific gravity	1.2~1.3 g/cm ³
	Storage	Dry cool conditions below 25 °C
	Shelf life	12 months
	Sales Code	J, K -series
	Stoving Schedule	10 minutes at 200 °C
	(Object Temperature)	-

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	0.7mm aluminium
Pretreatment	Chromate
Film Thickness	60 ± 10 microns
Stoving	object temperautre -

Mechanical Tests	Flexibility	ASTM D552 (conical Mandrel)	4mm below
	Adhesion	ASTM D3359 (2mm crosshatch)	100/100
	Erichsen Cupping	KS B 0812(Erichsen)	6mm over
	Impact	ASTM D 2794(Dupont)	500g X 50cm

Chemical and Durability Tests	Salt Spray	ASTM B117, KS D 9502 (250 hours)	Pass-no corrosion creep more than 2mm from scribe.
	Humidity	ASTM D2247(240 hours)	Pass-no blistering or loss of gloss
	Acid resistance	5% CH ₃ COOH	Pass-no blistering or loss of gloss
	Alkali resistance		Pass-no blistering or loss of gloss
	Exterior Durability		>50% Gloss retention

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Pretreatment Aluminium, steel or Zintec surfaces to be coated must be clean and free from grease. Iron phosphate and particularly lightweight zinc phosphating of ferrous metals improves corrosion resistance. Aluminium substrates may require a chromate conversion coating.

Application **Interpon 600 TGIC Clear** powder can be applied by manual or automatic electrostatic spray equipment. It is recommended that powder film thickness be between 60-110 microns. 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).

Disclaimer The information given in this sheet is not intended to be exhaustive and any person using the product for any purpose other than specifically recommended in this 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. Whilst we endeavour to ensure that all advice we give about the product (whether in this sheet or otherwise) is correct we have no control over either the quality or condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing to do so, we do not accept any liability whatsoever or howsoever arising for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of the use of the product. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.