

Product Datasheet



BU Powder Coatings

Interpon 700 STR RAL7035 GREY

Code: EL428N

Product Description: Interpon 700 STR RAL7035 GREY is a structure finish epoxy polyester powder coating, offering good colour, light and heat stability. When applied with right equipments and expertise, this powder provides excellent structure effect for aesthetic appeal as well as coverage.

This powder is compliant with ROHS directive, 2002/95/EC.

	Result	Method
Powder Properties:	Colour Grey	
	Gloss(60° ahead) Comparable to STD	ASTM D523-89
	Specific Gravity 1.5-1.7 g/cm ³	Theoretical
	Particle size Suitable for electrostatic spray	
	Storage Keep in dry and 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 80-100 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) 6 mm	ASTM D522 –93A
	Erichsen Cupping 3 mm	ASTM 643-84
	Impact (Direct) 50 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
Pre-treatment:	For more information regarding specific substrates and applications for Interpon 700 STR RAL7035 GREY contact AkzoNobel.	
Application:	Interpon 700 STR RAL 7035 GREY 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 – PC010).	

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Interpon
powder coatings
EVERY COLOR IS GREEN