

Product Datasheet



BU Powder Coatings

Interpon 610 STR GREY RAL7035

Code: MI453N

Product Description:

Interpon 610 STR GREY RAL7035 is a structure 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 structure effect for aesthetic appeal as well as coverage.

This powder is TGIC-free.

	Result	Method
Powder Properties:	Colour	Grey
	Gloss (60° ahead)	NA
	Specific Gravity	1.5-1.7 g/cm ³
	Particle size	Theoretical
	Storage	Suitable for electrostatic spray
		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	80-100 microns
	Stoving	10 minutes at 180°C (EMT)
	Adhesion	GT=0
	Scratch Hardness	ASTM D 3359 -97
	Flexibility (Conical Mandrel)	ASTM D 1474-92
	Erichsen Cupping	6 mm
	Impact (Direct)	ASTM D522 -93A
	Salt Spray	5 mm
		ASTM 643-84
		ASTM D2794
		ASTM B-117
	Humidity Chamber	<3 mm corrosion creep from scribe after 500 hrs exposure in SST cabinet
		ASTM D2247
	QUV – A (340 nm)	No blistering, no colour change after 500 hrs exposure in Humidity cabinet
		ASTM G154
		Passes 500 hrs (60% gloss retention on Polishing)
Pre-treatment:	For more information regarding specific substrates and applications for Interpon 610 STR GREY RAL7035 contact AkzoNobel.	
Application:	Interpon 610 STR GREY RAL7035 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