

Product Datasheet



BU Powder Coatings Interpon 700 MATT BLACK Code: EN245N

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

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

	Result	Method
Powder Properties:		
Colour	Black	
Gloss(60° ahead)	10-20	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	50-70 microns	ASTM D 1186-93
	Stoving	10 minutes at 180°C (EMT)	
	Adhesion	GT=0	ASTM D 3359 -97
	Scratch Hardness	2.5 kg	ASTM D 1474-92
	Flexibility (Conical Mandrel)	6 mm	ASTM D522 -93A
	Erichsen Cupping	4 mm	ASTM 643-84
	Impact	40 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 MATT BLACK** contact AkzoNobel.

Application: **Interpon 700 MATT BLACK** 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).