

# Product Datasheet

**AkzoNobel**



## BU Powder Coatings Interpon 700 COFFEE BROWN Code: EM147N

**Product Description:** **Interpon 700 COFFEE BROWN** 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
<b>Powder Properties:</b>		
<b>Colour</b>	Brown	
<b>Gloss(60° ahead)</b>	Comparable to STD	ASTM D523-89
<b>Specific Gravity</b>	1.5-1.7 g/cm <sup>3</sup>	Theoretical
<b>Particle size</b>		Suitable for electrostatic spray
<b>Storage</b>		Keep in dry and cool conditions, away from direct sunlight
<b>Shelf Life</b>		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.

<b>Mechanical and Chemical Test :</b>	<b>Substrate</b>	Aluminium	
	<b>Pre-treatment</b>	Chromate	
	<b>Film Thickness</b>	60-70 microns	ASTM D 1186-93
	<b>Stoving</b>	10 minutes at 200°C (EMT)	
	<b>Adhesion</b>	GT=0	ASTM D 3359 -97
	<b>Scratch Hardness</b>	3 kg	ASTM D 1474-92
	<b>Flexibility (Conical Mandrel)</b>	5 mm	ASTM D522 –93A
	<b>Erichsen Cupping</b>	5 mm	ASTM 643-84
	<b>Impact</b>	25 kg.cm	ASTM D2794
	<b>Salt Spray</b>	<3 mm corrosion creep from scribe after 500 hrs exposure in SST cabinet	ASTM B-117
	<b>Humidity Chamber</b>	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 COFFEE BROWN** contact AkzoNobel.

**Application:** **Interpon 700 COFFEE BROWN** 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).