

# Product Datasheet



## BU Powder Coatings Interpon D1036 RAL 8016 BROWN Code: SM226N

**Product Description:** Interpon D1036 RAL 8016 BROWN is a smooth finish **Standard Durable** powder coating specifically formulated for use on architectural aluminum components. Interpon **D1036 RAL 8016 BROWN** gives excellent exterior durability, color and gloss retention.

	Result	Method
<b>Powder Properties:</b>		
<b>Colour</b>	Brown	
<b>Gloss (60° ahead)</b>	20-30	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 & 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 (AlMg 1 0.8mm)	
<b>Pre-treatment</b>	Chromate	
<b>Film Thickness</b>	60-80 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 1000 hrs exposure in SST cabinet Minimum blister rating 8	ASTM B-117, ASTM D1654
<b>Exterior Durability</b>	No chalking or loss of adhesion after tape pull and only slight chalking and fading.	12 Months Florida Exposure

**Pre-treatment:** For more information regarding specific substrates and applications for **Interpon D1036 RAL 8016 BROWN** contact AkzoNobel.

**Application:** **Interpon D1036 RAL 8016 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).