

Product Datasheet



BU Powder Coatings

Interpon D1036 SG RAL 8003 Brown

Code: SM13AN

Product Description:

Interpon D1036 SG RAL 8003 Brown is a smooth finish **Standard Durable** powder coating specifically formulated for use on architectural aluminum components. **Interpon D1036 SG RAL 8003 Brown** gives excellent exterior durability, color and gloss retention.

This powder is TGIC free and compliant to ROHS directive 2011/65/EU

	Result	Method
Powder Properties:		
Colour	Brown	
Gloss (60° ahead)	60-70	ASTM D523-89
Specific Gravity	1.5-1.7 g/cm ³	Theoretical
Particle size		Suitable for electrostatic spray
Storage		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	AL	
Pre-treatment	Chromate	
Film Thickness	60-80 microns	ASTM D 1186-93
Stoving	10 minutes at 200°C (EMT)	
Adhesion	GT=0	ASTM D 3359 -97
Scratch Hardness	3 Kgs	ASTM D 1474-92
Flexibility (Conical Mandrel)	5 mm	ASTM D522 –93A
Erichsen Cupping	5 mm	ASTM 643-84
Impact(Direct & Indirect)	25 kg.cm	ASTM D2794
Salt Spray	<3mm corrosion creep from Scribe After 1000 hrs exposure in SST Cabinet Minimum blister rating 8	ASTM B-117, ASTM D1654
Exterior Durability	No chalking, crazing 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 SG RAL 8003 Brown** contact AkzoNobel.

Application:

□ **Interpon D1036 SG RAL 8003 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).