

Product Datasheet



BU Powder Coatings

Interpon D1036 SG Met Grey RAL 9007

Code: SW17AN

Product Description:

Interpon D1036 SG Met Grey RAL 9007 is a smooth finish standard **Durable** powder coating specifically formulated for use on architectural aluminum components. Interpon **D1036 SG Met Grey RAL 9007** gives excellent exterior durability, colour and gloss retention.

Powder Properties:

	Result	Method
Colour	Metallic	
Gloss (60° ahead)	Close to std	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	Aluminium	
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 kg	ASTM D 1474-92
Flexibility (Conical Mandrel)	<=5 mm	ASTM D 522 -93A
Erichsen Cupping	>=5 mm	ASTM D 643-84
Impact (Direct & Indirect)	>=25 kg .cm	ASTM D 2794
Salt Spray	<3 mm corrosion creep from scribe after 1000 hrs exposure in SST cabinet Minimum blister rating 8	ASTM B-117, ASTM D1654
Exterior Durability	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 SG Met Grey RAL 9007** contact AkzoNobel.

Application:

Interpon D1036 SG Met Grey RAL 9007 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).