



SYSTEM: POLYESTER PE50
ARCHITECTURAL

COLOUR: RAL 7035

APPEARANCE: SMOOTH SATIN

GLOSS LEVEL: 73 ± 5 GU (ISO 2813:1994 - 60°)

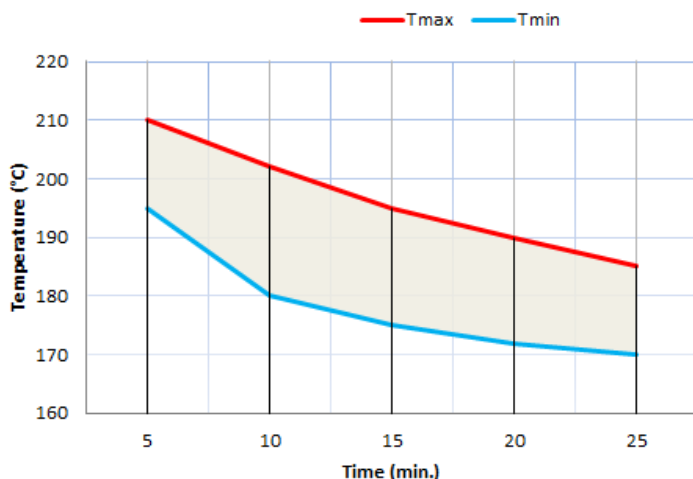


DESCRIPTION

DS312A8157 is a thermosetting polyester powder coating specifically designed for architectural purposes.



PROPERTIES OF THE POWDER



Relative density: 1.65 ± 0.05 g/cm³

Particle size:

Optimized for electrostatic application and in function of coating aspect

Storage:

Dry, max. 25 °C: at least 36 months from production date

Application / Layer thickness:

With Corona or Tribo gun / 60 - 80 µm

Minimum advised curing schedule (metal temperature):

10 min - 180 °C



PROPERTIES OF THE COATING

Substrate	Chromated aluminum (0.6 mm), degreased	
Curing schedule	10 min - 180 °C	
Film Thickness	60 - 80 µm	
Adhesion	Gt = 0	(ISO 2409:2007)
Buchholz hardness	≥ 80	(ISO 2815:1973)
Pencil hardness	H - 2H	(ASTM D3363-00)
Clemen hardness	≥ 3 kg	(ISO 1518:1992)
Erichsen test	≥ 5 mm	(ISO 1520:1993)
Direct Impact	≥ 25 kg.cm	(ISO 6272:1993)
Reverse Impact	≥ 25 kg.cm	(ISO 6272:1993)
Conical Mandrel	≤ 20 mm	(ISO 6860:1984)
Cylindrical mandrel	≤ 5 mm	(ISO 1519:1973)



CERTIFICATIONS



QUALICOAT
Class 1, Gloss category 3

www.qualicoat.net



QUALISTEELCOAT
HD2, MS2

www.qualisteelcoat.net



GSB
Standard Class

www.gsb-international.de



ADDENDUM

To guarantee an optimal adhesion and corrosion protection, depending on the substrate; an optimal pre-treatment must be applied.

For more information, see our anti-corrosion performance matrix or contact Protech-Oxyplast.

DS312A8157 is not compatible with other standard polyester powder coatings, a good cleaning of the spraying equipment is needed.

This information is given in good faith. A warranty, expressed or implied, cannot be supplied as results may vary depending on application conditions.