



SYSTEM: ACRYLIC PE14
OUTDOOR DURABLE (DEEP MATT)

COLOUR: RAL 9005 +/-

APPEARANCE: SMOOTH DEEP MATT

GLOSS LEVEL: 1.6 ± 0.7 GU (ISO 2813:1994 - 60°)

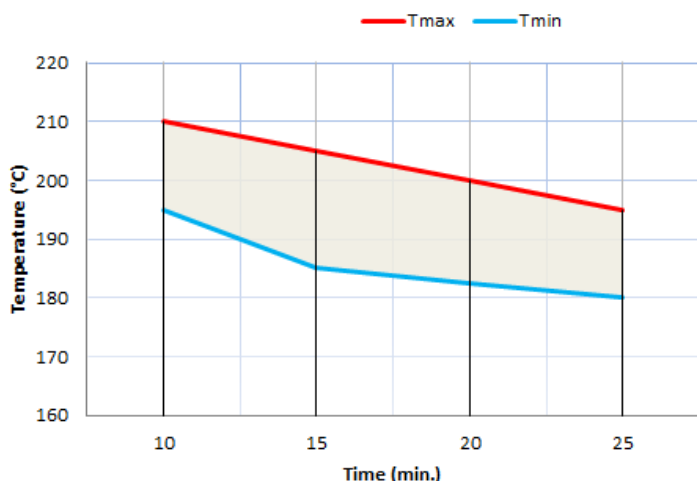


DESCRIPTION

GS642N8200 is a thermosetting polyester powder coating which provides outdoor durable coatings with minimum specular gloss and a very good mar resistance.



PROPERTIES OF THE POWDER



Relative density: 1.55 ± 0.05 g/cm³

Particle size:

Optimized for electrostatic application and in function of coating aspect

Storage:

Dry, max. 25 °C: at least 24 months from production date

Application / Layer thickness:

With Corona or Tribo gun / 60 - 100 µm

Curing schedule (metal temperature):

10 min - 200 °C



PROPERTIES OF THE COATING

Substrate	Degreased cold-rolled steel (0.8 mm)	
Curing schedule	10 min - 200 °C	
Film Thickness	60 - 70 µm	
Adhesion	Gt = 0	(ISO 2409:2007)
Buchholz hardness	≥ 90	(ISO 2815:1973)
Clemen hardness	≥ 2.5 kg	(ISO 1518:1992)
Erichsen test	≥ 1 mm	(ISO 1520:1993)
Direct Impact	≥ 10 kg.cm	(ISO 6272:1993)
Reverse Impact	≥ 4 kg.cm	(ISO 6272:1993)
Conical Mandrel	Fine cracks	(ISO 6860:1984)



ADDENDUM

GS642N8200 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.