



SYSTEM: POLYESTER PE57
SUPERDURABLE
COLOUR: CATERPILLAR YELLOW
APPEARANCE: SMOOTH HIGH GLOSS
GLOSS LEVEL: 90 ± 5 GU (ISO 2813 - 60°)

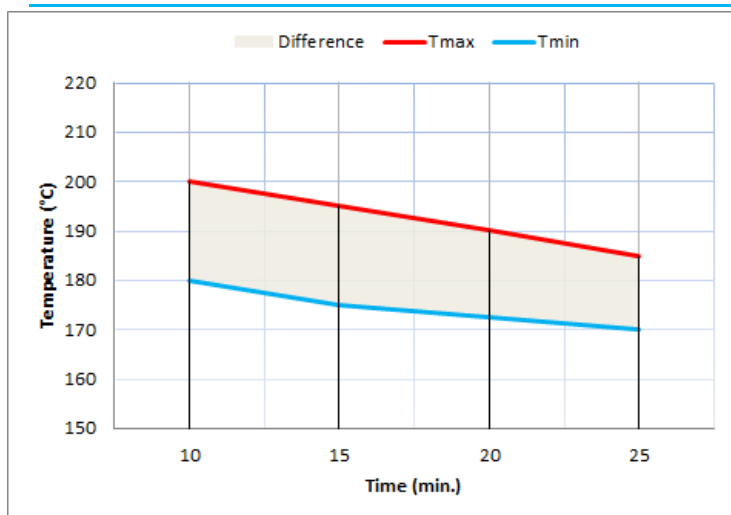


DESCRIPTION

DS142H8222 is a thermosetting polyester powder coating with excellent outdoor durability.



PROPERTIES OF THE POWDER



Relative density: 1.45 ± 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 gun / 60 - 90 µm

Curing schedule (metal temperature):

10 min - 200 °C



PROPERTIES OF THE COATING

Substrate	Chromated aluminum (0,6 mm), degreased	
Curing schedule	10 min - 200 °C	
Film Thickness	60 - 80 µm	
Adhesion	Gt = 0	(ISO 2409)
Buchholz hardness	≥ 80	(ISO 2815)
Clemen hardness	≥ 3 kg	(ISO 1518)
Erichsen test	≥ 5 mm	(ISO 1520)
Direct Impact	≥ 20 kg.cm	(ISO 6272)
Reverse Impact	≥ 20 kg.cm	(ISO 6272)
Cylindrical mandrel	≤ 5 mm	(ISO 1519)



CERTIFICATIONS



QUALICOAT

Class 2, Gloss category 3

www.qualicoat.net



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.

DS142H8222 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.