



SYSTEM: POLYESTER PE54

INDUSTRIAL

COLOUR: RUSTY BROWN

APPEARANCE: SANDEX DEEP MATT

GLOSS LEVEL: 3 ± 1 GU (ISO 2813 - 60°)

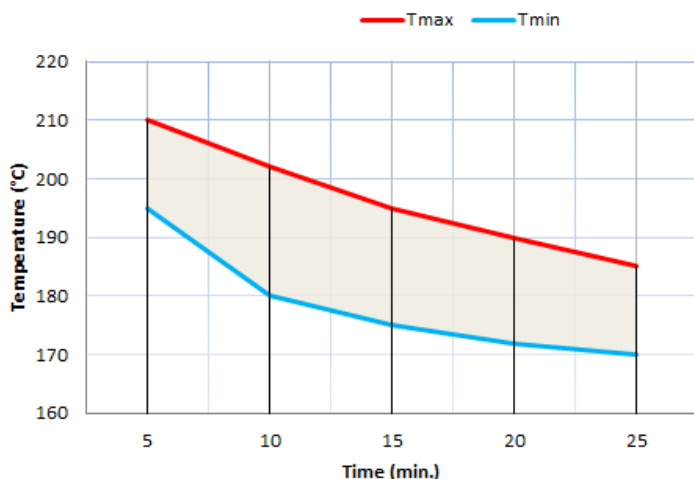


DESCRIPTION

DX611MK8203 is a thermosetting polyester powder coating specifically designed for industrial purposes.



PROPERTIES OF THE POWDER



Relative density: $1.65 \pm 0.05 \text{ g/cm}^3$

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 gun / 60 - 120 μm

Curing schedule (metal temperature):

10 min - 180 °C



PROPERTIES OF THE COATING

Substrate	Degreased cold-rolled steel (0.8 mm)	
Curing schedule	10 min - 180 °C	
Film Thickness	60 - 80 μm	
Adhesion	Gt = 0	(ISO 2409)
Buchholz hardness	≥ 80	(ISO 2815)
Clemen hardness	$\geq 3 \text{ kg}$	(ISO 1518)
Erichsen test	$\geq 5 \text{ mm}$	(ISO 1520)
Direct Impact	$\geq 20 \text{ kg.cm}$	(ISO 6272)
Reverse Impact	$\geq 20 \text{ kg.cm}$	(ISO 6272)
Cylindrical mandrel	$\leq 40 \text{ mm}$	(ISO 1519)



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.

DX611MK8203 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.