

Aluminium Lacquered with Polyester Coating

**TECHNICAL DATA SHEET**

Type of base material:

Aluminium Alloys: 1xxx, 3xxx and 5xxx

Norms:

EN 573-3 EN 515

Temper:

H0/111, H42, H44, H46, H48

EN 10204

Dimension:

Width: up to 1600 mm  
 Length: up to 6000 mm  
 Flatness: 1/2 EN- Standard

Thickness of aluminium (without paint)

Thickness: 0.6 mm to 3 mm Coil  
 0.7 mm to 5 mm sheet

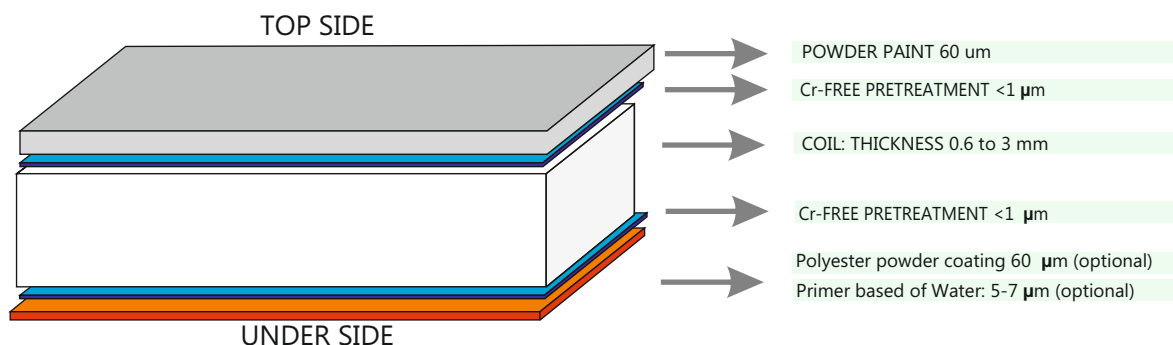
EN 485-4

Chemical pretreatment of material before paint:

Pretreatment: alkaline + Zirconium + acidic cleaners before Cr-free conversion coating.

Characteristic of lacquer

Application	Type of paint	Layers coating	PVC protective film thickness
1 side	Powder coated	Polyester: 65 µm minimum	30 to 100 µm
2 sides (Back Side)	Powder coated	Polyester: 65 µm minimum	30 to 100 µm
	Pretreatment	Alk + Ac + Zirc (without VOC)	
	Primer coated	Primer based of Water: 2-3 µm	



Protection Film = PE of 70/80µm, black/white, transparent or blue color.

**Guarantee over 5 years\*\***

Properties

TEST	SPECIFICATION
PAINT TYPE	Polyester Powder Coated ( with out VOC)
GLOSS - ISO 2813	High Gloss 85%+/- 5UG Satin 30+/-5UG Matt 25+/-5UG
ADHESION EN ISO 2409	Class 0 (no pick off)
ERICHSEN EN ISO 1520	>5 mm
IMPACT EN ISO 6272	Resistance to fast deformation 10Nm - 5Nm for saturated colours
T-BEND ISO 1519 / EN 1396	1 T - 2 T
CORROSION RESISTANCE: ISO 9227 / DIN 50021	1000 Hours
Fire resistance ( EN 13501-1 : 2007)	Classified A2 - S1-d0

Members of:



100% Environmental

\*This data does not guarantee that this products is suited to own particular use.

\*\* For extended warranty, please request it. \*\*\* Standards application of ECCA norms.