

TECHNICAL DATA

	Description & Guarantees	Standard references
Aluminum coils	Varied alloys Series 3000, 4000 and 5000	EN 573-3 EN 515
	Mechanical properties Sizes and flatness	EN 485-2 EN 485-4
	Technical possibilities : • widths 1000 - 1250 - 1500mm (others on request). • thicknesses from 0.8 to 2.0mm	EN 485-4
Polyester powder coating	Polyester powder coated : SP without VOC	EN 1396 table 1
	Mirawall's range : • colours available in the high gloss, satin or matt • metallic and speckled colours : high gloss, satin or matt	EN 1396 table 4
	Resistance to pensile hardness : H	ISO 1518-4
Protection film	Polyethylene thickness 70µm : • transparent • black and white	N/R*
Finished products controls	Uniformity of colour, gloss; Regular aspect without checkerboard effects	EN 1396 §4,2,3
	Continuity of gloss and colour between the batches and deliveries.	N/R*
	Paint thickness : average higher than 60µm	EN 1396 table 3
	Finishes : • high gloss 85+/-5UG • Satin 30+/-5UG • Matt 25+/-5UG	EN 1396 table 4
	Colour : measured by spectrophotometry (sphere, 8/d) on each batch compared with master sample.	CIELAB - ISO 3668
	Bendind radius : T1	EN 1396 An.C
	Resistance to fast deformation (Impact Test) 10Nm 5Nm for saturated colours	ISO 6272
Paint adhesion test on aluminum : Class 0 (no pick off)	ISO 2409	
Quality, Savy and health, Environment, management politicly	Total commitment of management and all staff	ISO 9001 V2008 since 2005 OHSAS 18001 V2007 since 2008 ISO 14001 V2004 since 2013
	Production without VOC, without chromium, no aqueous rejection. No substance listed in the XIV Reach appendix. Alkaline degreasing, chemical conversion on painted side, Thin organic coating on backside	Conformity: 1990/394/CE Reach 1907/2006/CE Rohs 2002/95/CE
	• Tracability from the supplier's batch to the delivered batch. • Tracability reinforced: each meter on the back side • Mills control certificates on request	EN 1396 §8 EN 10204 type 3.1
	Standards : application of directives and ECCA norms. Adhesion and participation to ECCA and French group ECCA.	EN 13523-0 to EN 13523-24
	Fire resistance : classified A2, s1-d0 No flaming droplets particles	EN 13501-1 V2007
	Conformity set up by RINA - module test B	96/98/CE modified by 2010/68/UE

*N/R : not referenced