

TECHNICAL SHEET

CUSTOMER: ALUMIL

Order confirmation :

AL1

Rev00 10.02.05

PRODUCT:

1 Product definition

1.1 Aluminium alloy	EN AW - 3105 in accordance with EN 573/3
1.2 Metal thickness (mm)	0,48
1.3 Temper	H46 in accordance with EN 1396
1.4 Colour top side	AC23N7 in accordance with internal standard
1.5 Colour backing coat	-
1.6 Paint top side	PVDF
1.7 Paint backing coat	pretreated
1.8 Width and Length (mm)	in accordance with order specifications

2 Metal specification

2.1 Mechanical properties after coating (transverse to rolling direction)

Rm:	MPa	175÷225
Rp0,2:	MPa	150min
A50mm:	%	2 min

2.2 Tolerances on dimensions

Thickness : in accordance with EN 485/4
width and length: in accordance with EN 485/4

3 Pre-treatment

degreasing and chromium free treatment on top and reverse side

4 Organic coating specification (EN 1396)

			Top side	Backing coat
4.1 Paint system			23N7/37	-
4.2 Coating thickness	ECCAT1	µm	23(20min)	
4.3 Pencil hardness	ECCAT4	KOH-I-NOR	F	
4.4 Specular gloss to 60°	ECCAT2	units	23±5	
4.5 Adhesion 90°/180°		%	100	
4.6 Adhesion on cross hatch+impact		%	100	
4.7 Resistance To rapid deformation	ECCAT5	cm/kg	32	
4.8 Resist. to craking on the bending	ECCAT7	n°T	2	
4.9 Top side colour difference	ECCAT3	DeltaE	N.V.	

5 Protective strippable film

not requested

- 5.1 Novelis code
- 5.2 Material
- 5.3 Thickness
- 5.4 Colour

Note: this technical sheet is referring to the above mentioned order confirmation. Without reference to the order confirmation number, this technical sheet has to be considered for information only and could be submitted to revision.

TCQ-Bresso