

# TECHNICAL SHEET

CUSTOMER:
Order Confirmation:

TS: E-1410 00
Rev07 06.05.11

## PRODUCT:

### 1 Product definition

1.1 Aluminium alloy	EN-AW <b>5005</b> in accordance with internal specifications
1.2 Metal thickness (mm)	<b>1,50</b>
1.3 Temper	<b>H42</b> in accordance with EN 515
1.4 Colour top side	AC <b>18U6</b> in accordance with internal standard
1.5 Colour backing coat	AC <b>68F6</b> in accordance with internal standard
1.6 Paint top side	<b>TGIC-free PE Powder</b>
1.7 Paint backing coat	<b>PE - Alchydric</b>
1.8 Width and Length (mm)	in accordance with order specifications
1.9 Metal Finish	<b>MF</b>
1.10 Surface Type	<b>Standard</b>

### 2 Metal specification

2.1 Mechanical properties after coating in accordance with Internal Specifications (transverse to rolling direction) @Room Temperature

Rm:	MPa	125 ÷ 165
Rp0,2:	MPa	80 min.
A50mm:	%	5 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

		Top side	Backing coat
4.1 Paint system		<b>18U6/PW</b>	<b>68F6/26</b>
4.2 Coating thickness	EN 13523 - 1 $\mu$ m	<b>55</b> (min. 45)	approx. 4
4.3 Pencil hardness	EN 13523 - 4 KOH-I-NOR	H	
4.4 Specular gloss to 60°	EN 13523 - 2 units	<b>min. 80</b>	
4.5 Adhesion 90°/180°	%	100	
4.6 Adhesion on cross hatch+impact	%	100	100
4.7 Resistance to rapid deformation	EN 13523 - 5 joule	32	
4.8 Resist. to craking on the bending	EN 13523 - 7 n°T	<b>0,5</b>	
4.9 Top side colour difference	DeltaE	<b>1,0</b> in accordance with internal Standard Nr. <b>2.162 rev. 001</b>	

### 5 Protective strippable film

5.1 Novelis code	<b>8</b>
5.2 Material	LDPE
5.3 Thickness	approx. 80 $\mu$ m
5.4 Colour	<b>B &amp; W with Logo</b>

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.