



Bright solutions one after the other

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## General applications

### 1. Substrate

Aluminium: EN AW-3005 (A) (Al Mn1Mg0,5) acc. EN 573

Chemical composition: acc. EN 573 - 3 (1994)

	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ga	V	Ti	Each	Total	Al
min				1.00	0.20									
max.	0.70	0.80	0.30	1.50	0.80	0.10	-	0.40	-	-	0.10	0.05	0.15	Rest

Mechanical properties: tensile strength (Rm): yield strength (Rp0,2): elongation at break (A50):  
 Temper H46 acc. EN 1396 185-240 MPa > 160MPa > 2 %

Thickness: 0.20-1.00 mm

Tolerance, acc.: EN 485-4

Width tolerances, acc. EN 485-4:

< 100 mm	+0,3/-0
101-300mm	+0,4/-0
301-500 mm	+0,6/-0
501-1250 mm	+1,5/-0

### 2. Coating

2.1 Pretreatment a) Hot AC pretreatment ; Cr- free

2.2 Coating PVDF 70/30

a) Front side  
 Primer + topcoat, 2-3 or 4 layers  
 thickness dependent on colour and quality

b) Reverse side  
 Epoxy Protective coating 5 µ  
 or HOT AC pretreated