



Bright solutions one after the other

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General applications, product description

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				0.30	0.20									
max.	0.70	0.80	0.30	0.80	0.80	0.20	-	0.40	-	-	0.10	0.05	0.15	Rest

Mechanical properties: tensile strength (Rm): yield strength (Rp0,2): elongation at break (A50):
 Temper H41 acc. EN 1396 130-180 MPa > 80MPa > 8 %

Thickness: 0.25-2.00 mm

Tolerance on thickness,: 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

2.2 Coating

a) Frontside
 Primer + PVDF topcoat
 thickness of coating dependent on colour

b) Reverse side
 Protective grey epoxy coating.