

**STB - M01**

	UNIT	VALUE	CERTIFICATION
Alloy	1	1080 / 1085	
Hardness	2	Similar H46	
Treatment front side	(S1)	Brighted, anodised and clear lacquered	
Treatment reverse side	(S2)	5 anodised	

THICKNESS LAYERS	UNIT	VALUE	CERTIFICATION
Anodic layer	$\mu_m$	0,80 ± 0,20	
Lacquer layer	$\mu_m$	2 - 3	

MECHANICAL PROPERTIES	UNIT	VALUE	CERTIFICATION
Tensile strength $R_m$	[MPa]	≥ 125	
Yield strength $R_{p0,2}$	[MPa]	≥ 105	EN 485-2
Elongation $A_{50}$	[%]	≥ 2	
Deformation/Bending/Bending radius		≥ 2,0 x gauge of material	

ENVIROMENT REISTANCE	UNIT	VALUE	CERTIFICATION
Adhesion		No delamination	
UV resistance		1000 h QUV-A (340nm) / quv-B (313nm) No objectionable chalking Color change: $\Delta E < 1$	ASTM G53
Corrosion resistance		1000 h acetic salt spray test	ASTM G85
		< 2mm average creepage from scribe < 8mm blisters in field	ASTM D714

STACBOND® Quality Department

