

# Product Data Sheet



**alanod**

ALANOD Aluminium  
Veredlung GmbH u. Co. KG

36B-G / 04

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## 36B-G

<b>Quality:</b>	hammer patterned large		
<b>Additional Information</b>	C8		
<b>Availability</b>			
Thickness from to	[mm]	0,30 - 1,20	
max. width	[mm]	1250,00	
<b>Alloy:<sup>1</sup></b>	Al 99,85		
<b>Hardness:<sup>2</sup></b>	hard		
<b>Mechanical Properties:</b>			
Tensile strength	[MPa]	160 - 200	
Yield strength	[MPa]	140 - 180	
Elongation (A50)	[%]	≥ 2	
Deformation/Bending:	bending radius ≥ 1,5 x gauge of material		
<b>Treatment Front:</b>	(S1) electrolytically brightened anodized		
<b>Oxide layer:</b>	[µm] (S1) 2,3	± 0,2	
<b>Iridescent colours</b>	(S1) grade 2 = controlled colours		
<b>Tolerances</b>	Coil, strip, sheet, blanks		
<b>Gauge:</b>	[mm]	0,20 - 0,50 ± 0,04	0,61 - 1,00 ± 0,06
	[mm]	0,51 - 0,60 ± 0,05	1,01 - 1,20 ± 0,07
<b>Width/Coil:</b>	[mm]	+3,00 /-0.00	
<b>Width Slit Coil:</b>	[mm]	±0,20 Standard	±0,05 Special
<b>Longitudinal Curvature:</b>	[mm]	≤ 1,00 on a measuring length of 1000mm	
<b>Sheet:</b>	[mm]	0 - 600 +2,0/-0.00	
	[mm]	600 - 1500 +3,0/-0.00	
	[mm]	1500 - 2500 +5,0/-0.00	
	[mm]	2500 - 3500 +7,0/-0.00	
<b>Flatness:</b>		1% of wavelength maximum 8 [mm]	
<b>Transversal divergency:</b>	[mm]	≤ 1,50 (D1-D2)	
<b>Optical Properties:</b>			
<b>Total light reflection:</b>	(S1) [%]	≥ 86	DIN 5036-3 (U-Globe)
<b>Diffuse light reflection:</b>	(S1) [%]	≤ 86	DIN 5036-3 (U-Globe)
<b>Total light reflection:</b>	(S1) [%]	≥ 86	ASTM E-1651 (TR-2)
<b>Protective Film:</b>	PE - Foil gauge 50 - 60 µm		

## Characteristic:

<sup>1</sup> acc. to DIN EN 573-3/Millsnorm/Other

<sup>2</sup> acc. to DIN EN 485-2/Millsnorm/Other