



# ALUPANEL®

aluminium composite panel

## MIRROR FINISH

**MADE IN  
BRITAIN**

Property	Standard	Units	Value / Thickness
<b>Physical</b>			<b>3mm</b>
Aluminium Thickness		mm	0.3
Weight		-	3.8
Face Finish		kg/m <sup>2</sup>	Mirror polished aluminium / Primer
Core Composition		-	LDPE
Thickness Tolerance		mm	+/- 0.2
Aluminium Thickness Tolerance		-	As specified in EN485-4

### Mirror Coil Surface Properties

Surface Hardness			Hard
Alloy			Al 99,85
Treatment - front side			Brightened, anodised
Treatment Reverse Side			Anodised
Yield strength Rp 0,2		MPa	140-180
Tensile strength Rm		MPa	160-200
Elongation A50			≥ 2%
Deformation/Bending/Bending radius			≥ 1,5 x gauge of material

### Thermal

Temperature Resistance		°C	-50 to +80
Thermal Expansion		mm/m°C	0.024
Thermal Resistance	R	m <sup>2</sup> K/W	0.0057

Warranty - 5 year for internal use only

### Flammability

Standard	Classification
EN13501-1:2007	Class D-s2-d0

### Sheet Sizes and Tolerances

Width	Tol	Length	Tol
1220	-0 +2mm	2440	-0 +3mm
1220	-0 +2mm	3050	-0 +3mm



[www.multipaneluk.co.uk](http://www.multipaneluk.co.uk)

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