

## 3/0.3 Brushed ACP. Technical Data Sheet

### Panel Dimensions

Panel Thickness	3.0 mm
Aluminium Thickness	0.3 mm
Standard Sizes	1220 mm x 2440 mm 1500 mm x 3050 mm

### Dimensional Tolerances

Thickness	- 0 + 0.2 mm
Width	-0 + 2.0 mm
Length	-0 +3.0 mm
Diagonal	-0 +5.0 mm
Thermal Expansion	2.4mm/m @100 °CTemp Difference
Aluminium Thickness (mm)	Where applicable as specified in EN485-4; otherwise $\pm 0.02$

### Surface Properties

Pencil Hardness	>HB
Toughness of Coating	3T
Temperature Resistance	-50°C to +80°C
Impact Strength (kg cm <sup>2</sup> )	42
Boiling Water Resistance	Boiling for 2hrs without change
Acid Resistance	Immerse Surface in 2% HCl for 24Hrs without change
Alkali Resistance	Immersed surface in 2% NaOH for 24Hrs without change
Oil Resistance	Immerse Surface in 20# engine oil for 24hrs without change
Solvent Resistance	Cleaned 100 times with Dimethylbenzene without change
Cleaning Resistance	>1000 times without change
Peel Strength 180	>5 Newton / mm

### Product Properties

Weight	4.08 kg/m <sup>2</sup> *
Sound Absorbtion NRC	0.05
Sound Attenuation R <sub>w</sub> db	24
Water Absorbtion % By Volume	0.01
Thermal Performance R Values	0.0057
Core Composition	Polyethylene
Flammability BS476	Part 6: Class 0, Part 7: Class 1 (Equivalent to DIN 4102-1 class B2)

\* Minimum weight is indicated. Weight may vary.

Manufacturer reserves the right to change product specification without prior notice.