

# Technical Data Sheet

## Panel Dimensions

Panel Thickness	0.118 in / 3.0 mm
Aluminium Thickness	0.008 in / 0.2 mm
Standard Sizes	48 in x 96 in / 1220 mm x 2440 mm 60 in x 120 in / 1500 mm x 3050 mm

## Dimensional Tolerances

Thickness	- 0 + 0.008 in / - 0 + 0.2 mm
Width	± 0.079 in / ± 2.0 mm
Length	± 0.118 in / ± 3.0 mm
Diagonal	± 0.197 in / ± 5.0 mm
Thermal Expansion	2.4mm/m @100°C Temp Difference
Aluminium Thickness (mm)	Where applicable as specified in EN485-4; otherwise ± 0.02

## Surface Properties

Paint Thickness (micron)	20
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% HC1 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	0.768 lb/ft <sup>2</sup> / 3.75 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)

## 3/0.2 Digital ACP

### PRODUCT FEATURES INCLUDE:

fresh-white color with digital lacquer

anti-static easy-peel protective film

flat, smooth surface

perfect for direct UV printing

\* Minimum weight is indicated. Weight may vary.

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