



## Dura-Bond “Lite” Technical Specifications

### Panel Dimensions:

Panel Thickness (mm)	3
Aluminium Skin Thickness (mm)	0.21
Weight (Kg m <sup>2</sup> )	3.5

### Standard Sizes:

1220 x 2440	*
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### Dimensional Tolerances:

Thickness (mm)	- 0 + 0.2
Width (mm)	± 2
Length (mm)	± 3
Diagonal (mm)	± 5
Thermal Expansion	2.4mm/m @100°C Temp Difference
Aluminium Thickness (mm)	Where applicable as specified in EN485-4

### Surface Properties:

Paint Thickness (micron)	20
Pencil Hardness	>HB
Toughness of Coating	3T
Temperature Resistance	-50°C to +90°C
Impact Strength (kg cm <sup>2</sup> )	50
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:**

Sound Absorbtion NRC		0.05	
Sound Attenuation Rw db	23		24
Water Absorbtion % By Volume		0.01	
Fire Performance		Class 1 BS476 PT7	
		Class O BS476 P16	
Tensile Strength		149MPa	