Technical Data Sheet

Panel Dimensions

Composite Thickness(mm)	3mm	3mm	3mm	3mm
Aluminium Thickness(mm)	0.25mm	0.18mm	0.15mm	0.12mm
Composite weight (kg/m2)	4.66kg	4.45kg	4.36kg	4.28kg
Regular sizes (mm)	1220*2440, 1500*3050			
Application	Sign& Interior wall decoration			

Dimensional Tolerances

Thickness(mm)	±0.2mm
Width(mm)	±2mm
Length(mm)	±3mm
Diagonal(mm)	≥5mm
Themal Expansion	1 14 mm/m at 100 deg C Temp Difference
Aluminium Thickness(mm)	±0.02

Surface Properties

Paint Thickness(micron)	≥16
Pencil Hardness	≥HB
Toughness of coating	≤3T
Impact strength(kg.cm)	≥20
Bolling Resistance	Boiling for 2 hours without change
Acid Resistance	Immerse Surface in 2% HCL for 48 hours without change
Alkaili Resistance	Immerse Surface in 2% NaOH for 48 hours without change
Oil Resistance	Immerse Surface in 20# engine oil for 48 hours without change
Solvent Resistance	Cleaned 100 times with Dimethylbezene without change
Cleaning Resistance	Over 1000 times without change
Peel Strenght 180 deg	＞5 Newton/mm
Grade of salt spray resistance	no less than first grade
Coating adhesion	First Grade
Peel strenght （N/mm)	Average value ≥4 0,Minimum ≥ 3 0

All technical specifications are given according to GB/T standard in CNRC