



JIANGSU YARET INTERNATIONAL TRADE CO.,LTD.

1555 Shanghai Road, Suqian Economic Development Zone, Suqian City
Jiangsu Province, CHINA

Aluminium Composite Panels - Polyester coating

Thickness of aluminium 0,15mm

Dimensional tolerances	
Thickness (mm)	+ / - 0,2
Width (mm)	+ / - 2
Length (mm)	+ / - 3
Diagonal (mm)	+ / - 4
Aluminium thickness (mm)	+ / - 0,02
Surface properties	
Paint thickness (micron)	16 + / - 2
Pencil Hardness	2H
Toughness of coating	2T
Temperature resistance	- 50°C to +90°C
Deflection Temperature (°C)	115
Impact strength (Kg/ cm2)	50
Resistance to traction (N/ mm2)	175
Modulus of elasticity (N/ mm2)	70 000
Boiling Water Resistance	Boiling for 2 hrs without change
Acid Resistance	Immerse Surface in 2% HC1 for 24 hrs without change
Alkali Resistance	Immerse Surface in 2% NaOH for 24 hrs without change
Oil Resistance	Immerse Surface in 20# engine oil for 24 hrs without change
Solvent Resistance	Cleaned 100 times with butanone without change
Cleaning Resistance	> 1000 times without change
Peel Strength 180°C	> 4 Newton / mm
General properties	
Weight 2mm (Kg/ m2)	2.80
Weight 3mm (Kg/ m2)	3.80
Weight 4mm (Kg/ m2)	4.80
Thermal expansion	2,4mm/ m @ 100 °C
Fire Resistance	B-S1-D0