



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 0,20mm

| 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) | 3.00 |
| Weight 3mm (Kg/ m2) | 4.00 |
| Weight 4mm (Kg/ m2) | 5.00 |
| Thermal expansion | 2,4mm/ m @ 100 °C |
| Fire Resistance | B-S1-D0 |