



- ◆ Aluminum composite panel has a long range of applications in nowadays construction, decoration and advertising sign board making sectors, it features lightweight, high strength, superior rigidity, excellent flatness, weather resistance and outstanding color retention and is being widely used as curtain wall overcladding, wood or Granite pattern ACP indoor and outdoor decorations in household, public areas and automobiles, fireproof ACP for smoking room decoration.

◆ **Raw Materials:**

Basis aluminum: aluminum alloy 1100 and 3003

Plastic core: non-toxic low density polyethylene

Surface coating: PVDF, Polyester, FEVE, Nano, Spectra and special.

◆ **Specification:**

(1) Panel thickness: 2mm, 3mm, 4mm, 5mm, 6mm

(2) Alu skin thickness: 0.20mm, 0.25mm, 0.3mm, 0.35mm, 0.4mm, 0.45mm, 0.5mm

(3) Width: 1220mm, 1250mm, 1500mm, 1550mm

(4) Length: less than 6100mm

(5) Standard size: 1220x2440mm, 1250x3750mm, 1500x5000mm

(6) Color: 70 series of standard color in our color chart.

Special sizes and Color are available as customers requirement



◆ **Product variety:**

PVDF Aluminum Composite Panel for Architecture
 FEVE Aluminum Composite Panel for Architecture
 FR Aluminum Composite Panel for Architecture
 NANO Aluminum Composite Panel for Architecture
 Spectra Aluminum Composite Panel for Architecture
 PE ACP for DIGITAL PRINTING
 PE ACP for Signage/Display
 Brush/Mirror ACP
 Wood / Granite Pattern ACP



● **PVDF/FEVE Aluminum Composite Panel for Architecture**

Keywords: Most popular, worldwide

Recommend Dimension: 4mm, 5mm, 6mm, with alu-skin above 0.3mm

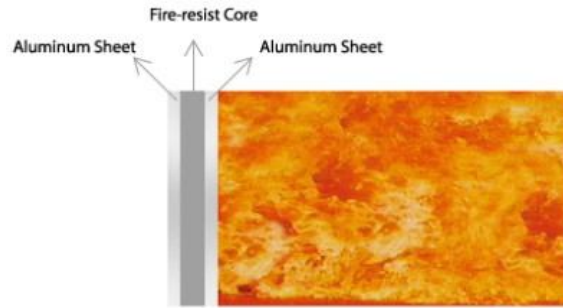
Color: champagne, metallic, metallic grey

Warranty: 15 years outdoor

Application: Kasmoll Building, Italy

● **FireResist Aluminum Composite Panel for Architecture**

Keywords: Fire-proof in A2 degree, Safety
 Recommend Dimension: 4mm,5mm,6mm, with alu-skin above 0.3mm
 Color: champagne, metallic, metallic grey
 Warranty: 15 years outdoor

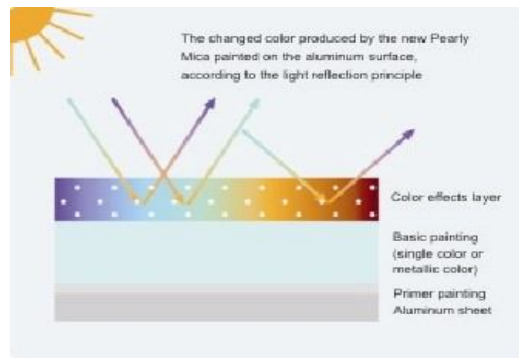


● **Spectra Aluminum Composite Panel for Architecture**

Keywords: show different color from different eyesight
 Recommend Dimension: 4mm,5mm,6mm, with alu-skin above 0.3mm
 Color: spectra red, spectra champagne,spectra silver
 Warranty: 15 years outdoor

● **NANO Aluminum Composite Panel for Architecture**

Keywords: self-clean by rain, environment
 Recommend Dimension: 4mm,5mm,6mm, with alu-skin above 0.3mm
 Color: champagne, metallic, metallic grey
 Warranty: 15 years outdoor



● **PE ACP for DIGITAL PRINTING PE ACP for Signage/Display**

Keywords: flatable, printing directly, various color
 Recommend Dimension: 2mm,3mm,6mm, with alu-skin above 0.21mm, 0.3mm
 Color: matt white, glossy white, matt black, brush, pink, blue, red, yellow, orange, green.
 Warranty: 3-5 years outdoor
 8-10 years indoor

● **Brush/Mirror ACP Wood / Granite Pattern ACP for Decorative**

Keywords: beautiful, modern
 Recommend Dimension: 2mm-6mm, with alu-skin above 0.21mm
 Color: see our color chart



◆ **Physical features & technical parameters**

Item	Standard Index	Test Value
Weight	ASTM D792	T3mm=3.8kg/m ²
Thermal expansion coefficient	ASTM D696	115
Thermal conductivity	ASTM D648	0.102kcal/m.hr
Bending rigidity	ASTM C393	14.0*10 ⁵
Penetration intensity	ASTM D732	1.640kgf
Adherence intensity	ASTM D903	0.77kg/mm
Cutting resistance	ASTM D732	2.7kgf/mm ²
Combustion expansion coefficient	ASTM E84	Qualified
Wind pressure resistance	ASTM E330	Pass

◆ **Packing and Loading(professional export wooden cases)**



◆ **Product certificates & accreditations**



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