



Structure:

1 . Alutop aluminum composite panel is composed of non-toxic and low density polyethylene core between two sheets of aluminum, with technology of continuous compositing . The adhesive film is “DuPont” micromole adhesive.

2 . Outdoor aluminum plastic composite panel is coated with fluorocarbon resin(PVDF) on the surface(KYNAR5000 PVDF>70%), the color has two main system, Metal color and no-metal color.

Features:

1. Peel strength is superior to standard;
2. Superior weather-resistance and ultraviolet (UV) resistance, acid-resistance and alkali-resistance, suitable for all natural environments. It can be guaranteed 15 years without change of color, its temperature range from-40 to 80;
3. No pollution is green building decorative material;
4. Can be easily processed and installed;
5. Light weight, good strength and flexibility;
6. Excellent sound insulation and anti-vibration;
7. Various colors, bright, elegant and magnificent;
8. Difficult to glue the dust, easy to clean.

Physical Features:

No.	item	Test method	Specification	Remark
1	Density	GB/T11748-999	±0.5kg/m ²	3mm/3.6kg 4mm/5.6kg
2	Bending stomata	GB/T11718-93	≥ 100Mpa	119Mpa
3	Bending modulus of elasticity	GB/T11718-93	≥ 2.0*10 ⁴	3.48*10 ⁴
4	Penetrating resistance	ASTM D732-93	≥ 9.0KN	9.9KN
5	Shearing strength	ASTM D732-93	≥ 28.0Mpa	32.8Mpa
6	180° peel strength	GB/T2790-93	≥ 7.0N/mm	11.4N/mm
7	Temperature difference	GB/T11748-99	-40°C80°C 20 time without	No change
8	Thermal expansion coefficient	GB/T11748-99	≤ 4.0*10 ⁻⁵	1.6*10 ⁻⁵
9	Temperature of thermal	GB1634-93	≥ 105 °C	112 °C

Specification

Thickness: 4mm

Width: 1270-1570mm

Length: the maximum length can be 6000mm

Note: no-standard can be available by customer’s requirements.

Color:

We have standard colors for your choice, also customize as your require, or you can tell us PANTONE color number.

Application:

Curtain wall, internal and external wall, Ceiling, eaves, balcony, Galleries, exhibitions, partitions, Advertise fascia, Showing and display platform.