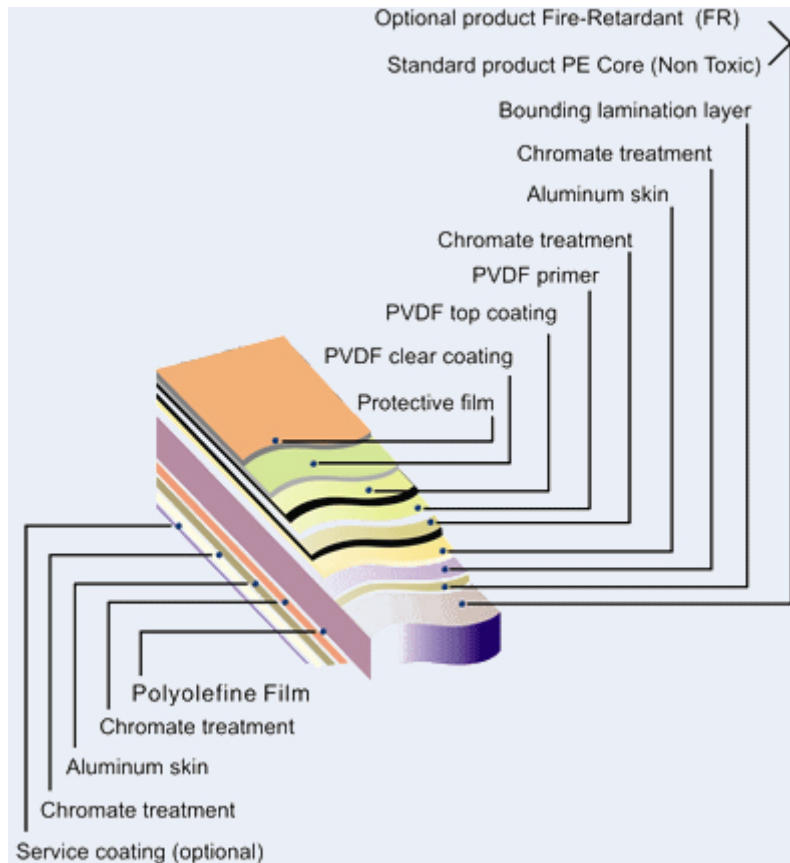


Product structure

Appearance of aluminum plate is coated with polyester or fluorocarbon. Due to this modern and new design of the materials, popular exterior appearance and special application, it has been the first choice in the advertisement board field.



Aluminum material

High-strength Alloy coil

PE CORE: non-toxic low density polyethylene

Product specifications

Surface painting: PVDF or Polyester coating

Product Specification:

Panel Thickness: 2mm to 6mm, recommend: 2mm, 3mm

Panel Width: 1000-1575mm, recommend 1220mm, 1250mm, 1500mm

Panel Length: Max up to 5800mm, recommend 2440mm, 3050mm, 4050mm

Alu skin thickness: 0.2mm-0.5mm recommend 0.2mm, 0.3mm



Physical properties of IBBOND advertisement ACP

NO.	Testing item	Standard	Result
1	Unit weight	ASTM D792	T3mm=3.8kg/m2
2	Thermal expansion	ASTM D696	24-28
3	Thermal deformation temperature	ASTM D648	115°C
4	Thermal conduction	ASTM 976	0.102kcal/m.hr°C
5	Flexural rigidity	ASTM C393	14.0*10^5
6	Impact resistance	ASTM D732	1.640 kgf
7	Adhesive strength	ASTM D903	0.77kg/mm
8	Flexural elasticity	ASTM D790	4032kg/mm2
9	Shear resistance	ASTM D732	2.7kgf/mm2

Product feature

Easy to print on the exterior coating, applicable to various designs of different advertisements.
lightweight, high strength, good rigidity, glossy appearance, easy to process
good grinding resistance and weathering resistance, applicable to all sorts of any bad weather.
excellent multifarious colors and luster retentivity
good quality coating, not easy to cause dirt, easy to keep clean.

Super weather resistance	After processed with PVDF coating, the panel has the advantage of excellent weather-resistance, anti-corrosion, anti-pollution and anti-ultraviolet, exposed in the outdoor for long period, the ΔE is still less than 5 after 10 years, the glossy rate still can be kept above 60%.
Stability of the coating	Aluminium Coating Panel adopted roller coating procession, compared with other building material ,our procession technology is even more easier to control the stability of coating thickness, moreover, it is no color difference.
Resistance to chemical reagents	Acid resistance, alkaline resistance, salt spray resistance, it can stand any possible testing understand the bad weather condition.
Maintainability	Excellent flatness ,easy to maintenance and clean, even though we use the clean water or ordinary cleaner to wash the panel, it still can be fresh as before.
Light weight	Adopted low density polyethylene (LDPE) as the core material, so the weight per sqm is only 2.8KG, 4mm thickness outer panel is only 5.5KG per sqm, so it can reduce the load of the building and the earthquake disaster, not only easy to transportable, but also can reduce the cost.
Easy to installation	Simple Processing, Various Modalities : It could be processed to various forms and has much process such as cutting, bending, punching, sticking and painting.
Sound	4mm thickness panel, its effect of sound insulation is approximately 2 times than other



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insulation	building materials.
Heat insulation	Because LDPE core has good effect of heat insulation, so it is better than the other building materials.

[Http://www.SignMaker.cn](http://www.SignMaker.cn)