



MaxBOND

Aluminium Composite Panel

Aluminium Composite Panel

Sign & Display Panel

Aluminium Honeycomb Panel

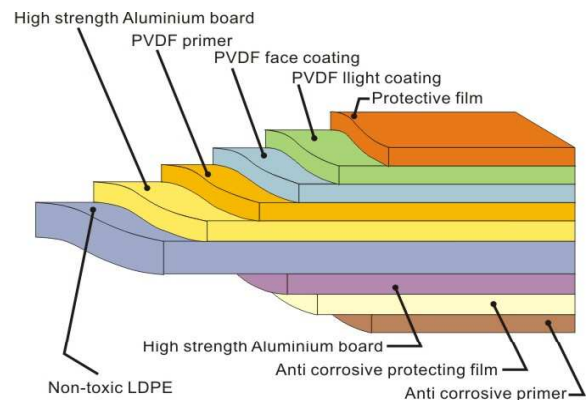
MAXBOND PVDF series FR series

Introduction

MAXBOND PVDF series consists of two layers of aluminium sheets and sandwiches a core of non-toxic Low Density Polyethylene (LDPE) or nonflammable mineral material (Fire Retardant).

The panel is face coated in Polyvinylidene Difluoride (PVDF) - Kynar 500, which is highly resistant to corrosive atmosphere conditions, solvents, acids, UV, heat, and low smoke exposure.

The reverse of the panel is coated in a polyester (PE) primer.



MAXBOND Advantages

- > Light weight and perfect appearance
- > Flexibility & Versatility
- > Weather resistance & Durability
- > Easy cleaning & maintenance
- > Good sound insulation & vibration proof
- > Even coating & various colors

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Product Information

MAXBOND PVDF series is produced with various core thickness and aluminium sheet thickness in a continuous lamination process. All panels are supplied with a protective film.



Maxbond PVDF Series Product Range	
Panel Thickness	3mm, 4mm, 5mm, 6mm
Panel Width *	1220mm, 1250mm
Panel Length	up to 6000mm
Aluminium skin thickness	0.21mm, 0.25mm, 0.30mm, 0.35mm 0.40mm, 0.45mm, 0.50mm

*) Custom width panel upon request

*) Custom aluminium skin thickness upon request

Variety of Colors

Maxbond covers a wide range of standard colors, customers can select both metallic and solid colors.

Custom colors are available on request.





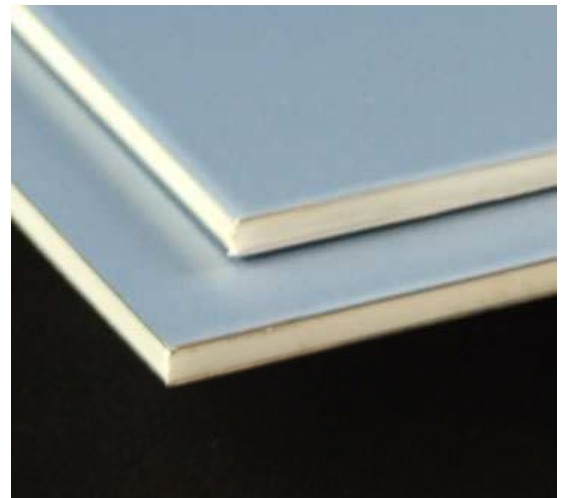
PVDF series
FR series

Product Information

MAXBOND FR series consists of two layers of aluminium sheets and sandwiches a core of nonflammable mineral material.

MAXBOND FR feature reaches B1 and A2 grade under the test.

MAXBOND FR series is available with all surface finishes such as PVDF, PE, Brushed, Mirror and so on.



Maxbond FR is a highly recommended product considering the extreme weather conditions. It is designed and manufactured to withstand the fire for not less than two hours enabled by class1 Fire Rated mineral core. Maxbond FR is available in all options of colour and skin specifications as normal ACP.



Normal LDPE core ACP (Combustible)



Fire Retardant core ACP (Nonflammable)

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MAXBOND PVDF series FR series

Benefits

Rigid and Light

With equal rigidity of materials, you can see the Maxbond is the lightest per M2.

Despite its low weight, which makes Maxbond easy to transport and handle in the factory and on site, its rigidity and high strength make it the most suitable material for exterior wall cladding.

Flexibility & Versatility

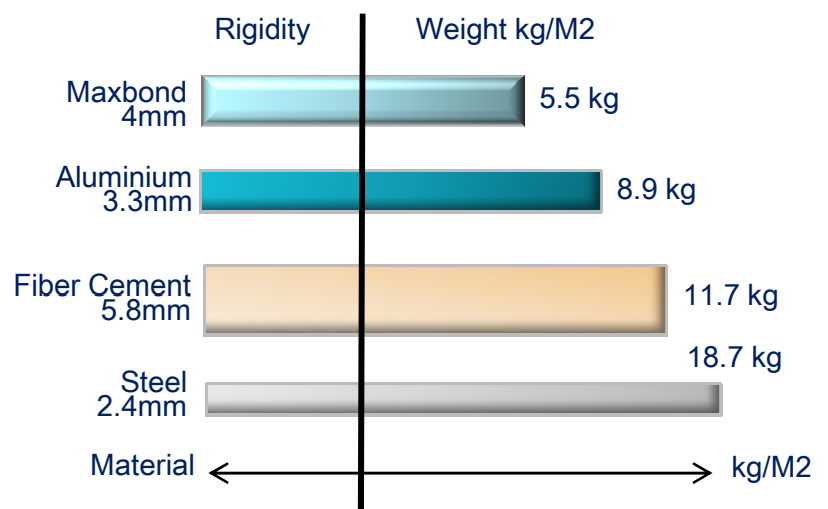
Maxbond is versatility and formable. And it can be shaped easily by common woodworking tools.

Recyclable

Maxbond is fully recyclable and can be used in the production of new material.

15 years guarantee

Maxbond PVDF is available with a guarantee up to 15 years.



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PVDF series
FR series

Important Notes

Processing & Installation

To avoid possible reflection difference, we recommend installing the panels in the direction of the arrow shown on the protection

Removal of protection film

We recommend removing the protection film within 45 days after installaion.



Color Consistency

Panels ordered with the same color code, but received in different shipment may not be manufactured from the same batch of coil, therefore there may be some color variation. We suggest customers to place orders with enough quantity for projects.

Dimension tolerances

Thickness: ± 0.2 mm

Width: $-0/+4$ mm

Length: $-0/+6$ mm



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Introduction



MAXBOND Sign series is the MAXBOND Aluminium Composite Panel coated with PE (Polyester) and is suitable for sign, display, and advertising markets.

Customers can decide to take one side coated or two sides coated MAXBOND Sign Panel. Two side coated panel can be different color on both sides.

MAXBOND Sign series Applications

- > Sign and Display Making
- > Shop Front
- > Exhibition Stands
- > Interior Decoration
- > Partitions, Wall Linings, and Suspended Ceilings
- > Industrial Applications



Product Information

MAXBOND Digital Panel is the panel with advanced a lacquer system and paint especially optimised for direct digital painting.

It has outstanding ink adhesion and extremely flat surface.



Specifications

Items	Panel Thickness (mm)	Alu. Skin Thickness (mm)	Panel Width (mm)
Standard	3mm	0.21mm, 0.30mm	1220mm, 1250mm
Options	2mm - 6mm	Contact us	Contact us

Variety of Colors

Maxbond Sign series is available in one of the widest color ranges in the market.

Please link to the Color Chart of our website for more information.



Applications

Sign Making



Shop Front



Interior Decoration



Exhibition Stand



Internal Partition



Point of Sale





Stainless Steel Composite Panel (SCM)

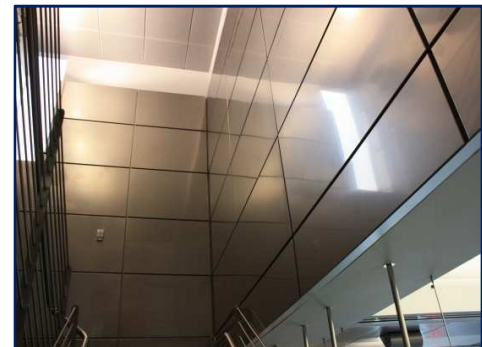
Product Information

Maxbond Stainless Steel Composite Material

(SCM) is composed of non-combustible mineral filled core sandwiched between two skins of 0.3 mm / 0.4 mm thick stainless steel in SUS 316L or SUS 304.



Maxbond SCM is available in Mirror, Hairline and Dull finishes. Considering the higher bonding strength of Fire Rated mineral core with the stainless steel panels, Maxbond always recommends for a FR Core rather than the widely used Non-fire rated polyethylene core.



Material Composition

- **Top skin material:**
0.3/0.4mm thick stainless steel SUS 316 or SUS 304 stainless steel sheet.
- **Core material :**
Fire Retardant mineral core or Polyethylene core.
- **Bottom skin material:**
0.3 / 0.4 mm thick stainless steel, SUS 316, SUS 304, SUS 430 or Aluminium Skin.
- **Surface Finishes:**
Mirror / Hairline / Dull

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