

Signbond

| Aluminium Composite Panel Color Chart

Alüminyum Kompozit Panel Renk Kartelası
Aluminium Composite Panel Color Chart



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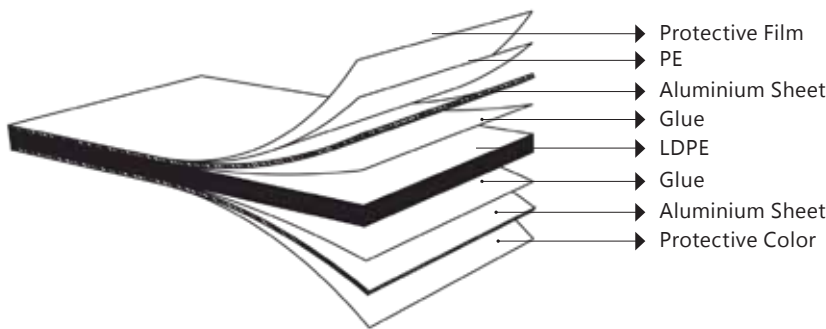




COLORS

Aluminium Top Sheet Thickness: 0,23mm
Aluminium Bottom Sheet Thickness: 0,23mm
PE (Polyester) Coating

Composite Panel Layers



Technical Specifications

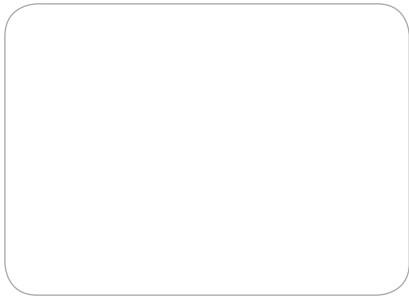
For standard 4mm thick Singbond **composite panel**:

Sheet Alloy - Condition

Aluminium Sheet Thickness	: Top Sheet: 0,23mm ($\pm 0,02$ mm) : Bottom Sheet: 0,23mm ($\pm 0,02$ mm)
Composite Panel Total Thickness	: 4mm ($\pm 0,2$ mm)
Filling	: Low Density Polyethylene (LDPE) / Thickness: 3,54mm
Top Sheet Coating	: PE (Polyester) Coating (20+5 micron)
Bottom Sheet	: Polyester Bazlı Koruyucu Boya / Polyester Based Protective Paint

Not recommended in facade applications.

SOLID COLORS



SB 002
White



SB 003
Cream



SB 006
Blue



SB 013
Dark Grey



SB 004
Black



SB 010
Red Brown



SB 005
Traffic Red



SB 009
Orange



SB 011
Yellow



SB 012
Moss Green



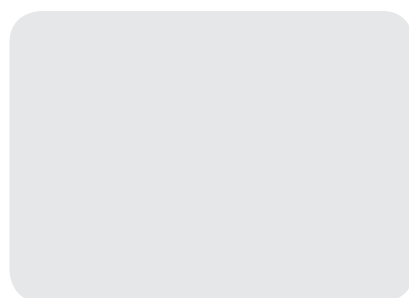
SB 024
Traffic Green



SB 026
Zinc Yellow



SB 025
Antracite Grey



SB 014
High Gloss White



Non-flammability Class

Product Name	Filling Material
Sinbond	LDPE

Types of Products

Composite Panel Thickness	: 3mm - 6mm (EN 485-4)
Composite Panel Width	: 1250mm, 1500mm
Maximum Production Length	: 6000mm
Standard Production Measurements	: 1250mm x 3200mm : 1500mm x 3200mm

Tolerances on Production

Composite Panel Thickness	: $\pm 0,2$ mm
Composite Panel Width	: -0mm / +2,0mm
Composite Panel Length	: -0mm / +4,0mm
Diagonal Difference	: max. 5,0mm
Linearity (Width and Length)	: $\pm 0,3$ mm
Inclination	: max 7mm (Panel length < 1500mm) : max 10mm (Panel length: 1500mm - 3000mm)

WOOD COLORS



SB 022
Natural Line Wood



SB 021
Light Cherry



SB 023
Elm Tree



SB 027
Golden Oak Fine Wood



SB 028
Golden Oak Line Wood

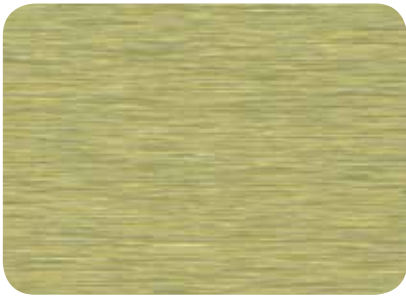


SB 029
African Teak



SB 030
Teak

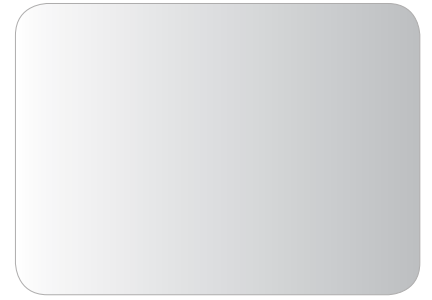
OTHER COLORS



SB 019
Brush Gold



SB 020
Brush Natural



SB 007
Mirror Effect Natural *



SB 008
Mirror Effect Gold *

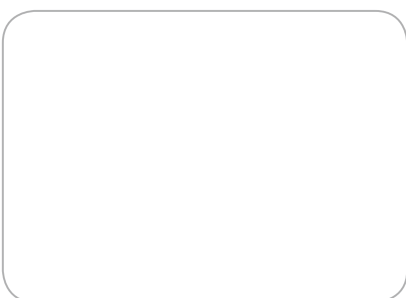
*Mirror effect products are advised for interior applications only.

METALLIC COLORS

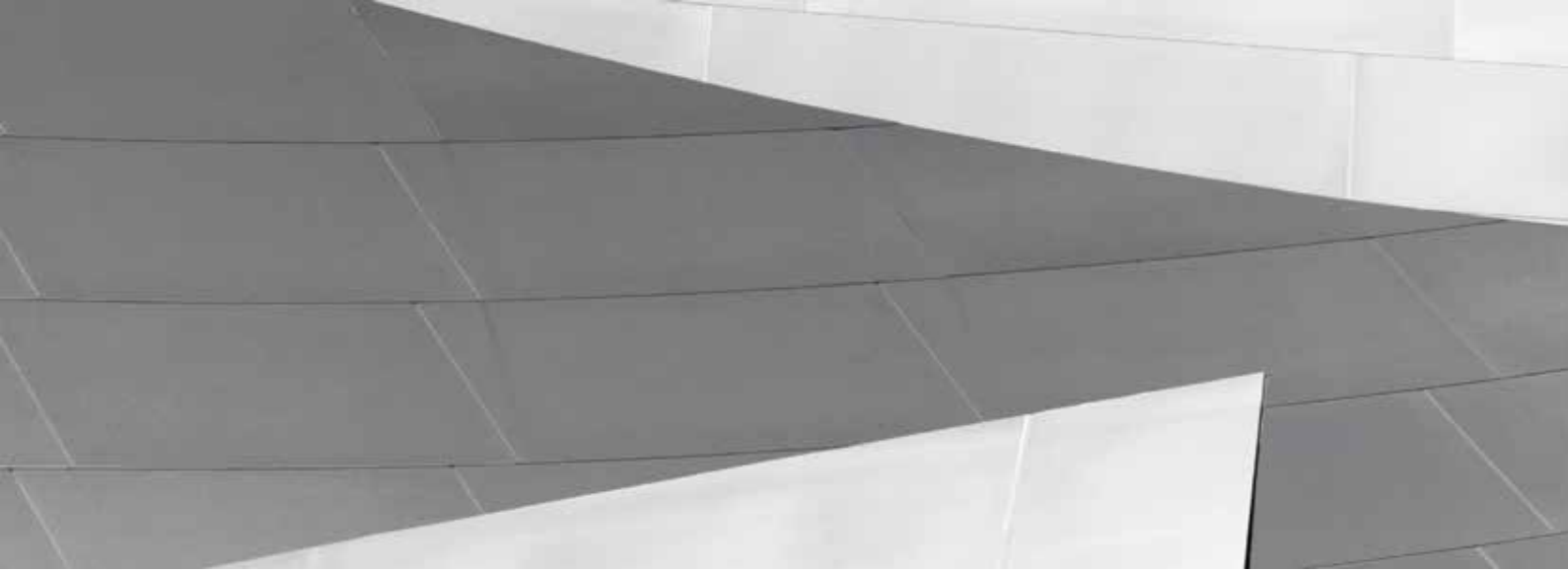


SB 001
Silver

NEW

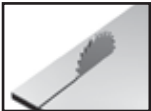


SB 031
Printable White



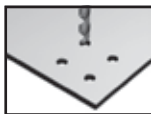
GENERAL FEATURES

Process



Cutting

Cutting can be made through saw or fret saw. Opening grooves: For 90 degrees of corner return, it should be notched by a notching blade of 110 degrees as recommended. While notching, a nucleus part of 0.2 - 0.4mm is required to be left in the outer part .



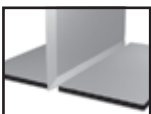
Boring

This process is to be made with twisted drill.



Contour

This process is to be made by fret saw contour saw and milling.



Hewing

This process is to be made with guillotine.



Boring

This process is to be made by boring machine.



Bending

This process can be made by brake pressure device and folding table. For 3mm and 4mm, minimum bending radius is 40mm for single, 50mm for parallel; for 6mm, minimum bending radius is 55mm for single, 80mm for parallel.



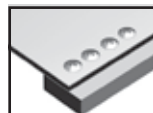
Sticking

This process can be made by metal sticking.



Riveting

This process can be made by rivet.



Sticking

This process can be made by metal screws.



Welding

This process can be made by hot air welding..



Coupling

This process can be made with corner assembling



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