Blancline
Solid Aluminum Panel

BLANCLINE Solid Aluminum Panel is a type of non-combustible solid aluminum product painted with different finish and color for various application such as building facade and roofing as well as architectural signage.

Product Feature :

100% non-combustible to EN13501-1 A1 Standard

Good weather resistance for the exterior application

Broad color and finish for option

Easy Fabrication for bending, routing, curving, welding, perforation

Professional technical support and project solution provider

Product Application

☑ Building Facade

☑ Architectural Signage

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Panel Property

FR Rating	A1 LEVEL EN13501-1
PANEL THICKNESS	3MM
ALUMINUM ALLOY	3003/ 5052
WEIGHT(KG/m²)	8.16
Tensile Strength of Aluminum	155-160 MPa

Size Tolerance

PANEL THICKNESS(mm)	+/-0.1
WIDTH(mm)	+/-2mm
LENGTH(mm)	+/-5mm
THERMAL EXPANSION	$\leq 4.0*10-5/℃$

Finish Property

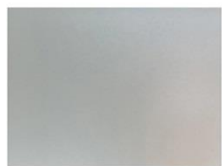| Coating Type	PVDF
Coating Thickness (microns)	27+/-1
Pencil Hardness	≥2H
Rigidity of Finish	No crack with 90 degree bending
Temperature Resistance	- 50℃-- 80 ℃
Impact Strength (kg/cm2	50kg/CM2. No Crack
Boiling water resistance	2H boiling without no change
Acid Resistance	Immerse 5%HCL for 24H without change
Alkali Resistance	Immerse 5% Na(OH)2 for 24H without change
Oil Resistance	Immerse with oil for 24H without change
Solvent Resistance	Clean 200 times with MEK without change
Cleaning Resistance	≥10, 000times with no change

Specification Available

Thickness	2mm	3mm	4mm
Available	√	√	√

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Metallic Color

8700 Copper metallic	8711 Champagne metallic	8714 Sea green metallic	8762 Brushed silver	8781 Zinc light grey	corten II 8771
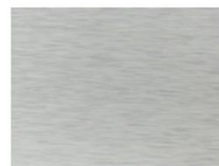
Solid Color

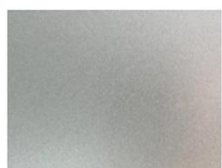|					
8719 YELLOW	8727 BLUE	8728 RED	8730 BLACK	GOLD MIRROR	RAL7012
SILVER MIRROR 8763	8731 Bright silver metallic				

Environmental Obligation

We try our best to reduce the use of plastic material for the product packaging to minimum for environmental protection and to comply with the packaging regulation of our clients.

Product Recylability

The BLANCLINE solid aluminum sheet is 100% recyclable .

The BLANCLINE solid aluminum sheet product is in compliance with REACH AND ROHS STANDARD, and the surface finish does not contain lead, cadmium, chromium or mercury.