

Blancline Aluminum Composite Panel Premium



Blancline ACM PREMIUM is type of high quality aluminum composite panel with panel thickness of 3mm or 4mm. And the aluminum surface is above 0.30mm thickness. With the finish of high durability PVDF or FEVE paint, the product fit for folding and engraving, and is widely applied to architectural signage , vehicle making and machine shell making.

Product Feature :

- Highly flat and rigid
- High weather resistance
- Exterior Warranty 10 years plus
- High glossy color available
- Suitable for folding, bending and engraving

Product Application

- ☒ Architectural signage
- ☒ Pylon signage
- ☒ Machine shell making
- ☒ Vehicle making

Technical Performance

| | | |
|------------------------------|--------------------|--------------------|
| PANEL THICKNESS | 3MM | 4MM |
| ALUMINUM THICKNESS | 0.30MM | 0.30MM |
| WEIGHT(KG/m ²) | 4.39 | 5.54 |
| Sound Absorption | 0.05 | 0.05 |
| Sound Attenuation | 24 | 24 |
| Thermal Performance R Value | 0.008 | 0.008 |
| Core Material | LDPE | LDPE |
| Fire Norm | Level C EN13501 -1 | Level C EN13501 -1 |
| Tensile Strength of Aluminum | 140-190MPa | 140-190MPa |



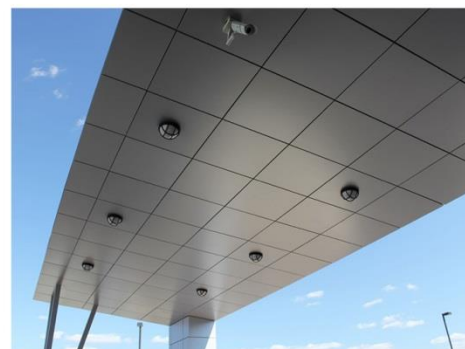
Size Tolerance

| | | |
|-------------------------|---------------------------|---------------------------|
| Panel Thickness | 3MM | 4MM |
| Width Tolerance (mm) | -0/+1.5 | -0/+1.5 |
| Length Tolerance (mm) | 0/+3.0 | 0/+3.0 |
| Diagonal Tolerance (mm) | ≤3.0mm | ≤3.0mm |
| Thermal Expansion | 2.4mm/m@ 100°C difference | 2.4mm/m@ 100°C difference |
| Aluminum Skin | +/-0.02mm | +/-0.02mm |



Specification Available

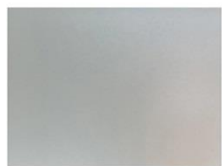
| PAINT | 2440*1220 | 3050*1500 | 4050*1500 | 3050*2000 | 3050*2020 |
|-------|-----------|-----------|-----------|-----------|-----------|
| PVDF | ✓ | ✓ | ✓ | ✓ | ✓ |
| FEVE | ✓ | ✓ | ✓ | ✓ | ✓ |



Metallic Color



8700 Copper metallic



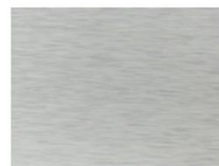
8711 Champagne metallic



8714 Sea green metallic



8762 Brushed silver



8781 Zinc light grey



corten II 8771

Solid Color



8719 YELLOW



8727 BLUE



8728 RED



8730 BLACK



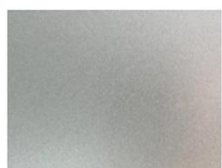
GOLD MIRROR



RAL7012



SILVER MIRROR 8763



8731 Bright silver metallic

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 regular of our clients.

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

Product Recyclability

The aluminum material used for production of Blan-cline Aluminum Composite Panel Premium can be 100% recycled to reduce the use of energy and emission of green house gas.