



JBOND

3mm & 6mm Smooth Aluminum Faces

Polyethylene Core for Increased Durability

COMMON USES

Storefront, Construction, Real Estate & More

LONGEVITY

Long-Term

PRINT SIDES

Single-Sided · Double-Sided

OPTIONS

Contour Cut

ENVIRONMENT

Indoor & Outdoor

SIZE OPTIONS

Custom Size



RIGID COMPOSITE PANEL

Smooth 3mm & 6mm aluminum faces over a PE core.



BUILT TO LAST

Weather, chemical & impact resistant.



STOREFRONT & CONSTRUCTION

Single or double-sided, contour cut to shape.

Technical Data Sheet

PROPERTIES

Weight	3.55 kg/m ²
Panel Thickness	3 & 6 mm
Aluminum Thickness	0.15 mm
Flammability (BS476)	Part 6 Class 0, Part 7 Class 1

Core Composition	Polyethylene
Water Absorption (% vol.)	0.01
Thermal R-Value	0.0057

DIMENSIONAL TOLERANCES

Thickness	-0 +0.2 mm
Width	±2 mm
Length	±3 mm

Diagonal	±5 mm
Aluminum Thickness	±0.02 mm
Thermal Expansion	2.4 mm/m @ 100°C(220°F)ΔT

SURFACE PROPERTIES

Paint Thickness	20 micron
Toughness of Coating	3T
Impact Strength	42 kg/cm ²

Pencil Hardness	>HB
Temperature Resistance	-50°C to +90°C (-58°F to +194°F)
Peel Strength	>5 N/mm

- Boiling water resistance: 2 hours without change
- Acid resistance: 2% HCl, 24 hours without change
- Alkali resistance: 2% NaOH, 24 hours without change
- Oil resistance: #20 engine oil, 24 hours without change
- Solvent resistance: cleaned 100 times with dimethylbenzene without change; cleaning resistance >1000 times

PRODUCT CODES

3mm Panel	MM843MW
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6mm Panel	MM843MW15
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