

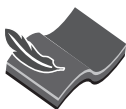


Alucomex® is the ideal Composite Aluminum Panel to give you a 20-year guarantee, since our plant allows us to manufacture a product with exceptional quality where you will save on maintenance, keep the bright tones, forgetting of painting and using a material that gives you a much greater image, since it is always seen in perfect conditions.

Alucomex® has a wide range of line colors, having the possibility of obtaining on request any variety in cuts, widths and special lengths as required, offering you the necessary advice.

ADVANTAGES

Rigid and lightweight



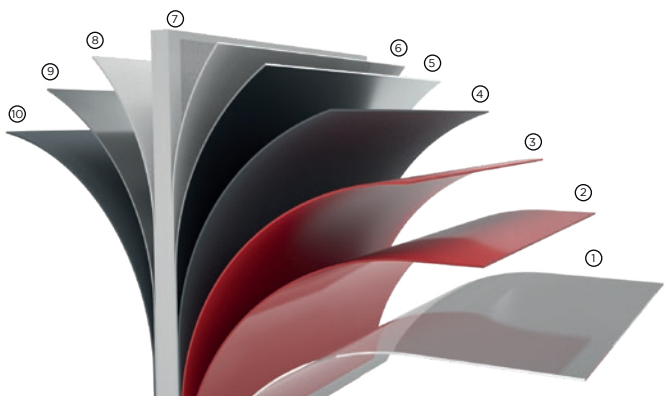
Easy to maintain



Adaptable for projects



COMPOSITION



ESPECIFICACIONES

Total Thickness	4mm
Aluminum Thickness	0.30mm / 0.35mm
Whidth	48" / 61"
Length	120" / 196"

- ① Protective film
- ② PVDF light layer
- ③ PVDF main layer
- ④ Anticorrosive paint layer
- ⑤ Aluminum layer
- ⑥ Bondeo layer
- ⑦ Mineral core - FR (flame retardant)
- ⑧ Bondeo layer
- ⑨ Subsequent aluminum layer
- ⑩ Anticorrosive layer / primer

Aluminium alloy

**FLAME
RETARDANT**
MATERIAL



Retsis.us

402 Enterprise Interamerica Industrial park. 78045.Laredo, Texas.

Mob. :+1 (303) 952 0151 contact@retsis.us



Aluminum thickness	Total thickness	Size (in)	Weight (lb)
0.30 mm	4 mm	48" x 120"	42.67
0.35 mm	4 mm	48" x 120"	43.65
		61" x 196"	90.62

GENERAL PROPERTIES

PROPERTIES	STANDARD	RESULT
Resistance to the outer temperature	ASTM D1654	No abnormality
Thermal expansion	ASTM D696	3.0 X 10 ⁻⁵ / °C
Thermal temperature of deformity	ASTM D648	115 °C
Thermal conductivity	ASTM C976	0,102 kcal /m.hr °C
Rigidity of flexion	ASTM C393	14 X 10 ⁵
Impact resistance	ASTM D2794	≥ 50 kg / cm
Adhesion Force	ASTM D903-98	10 kgf / mm
Isolation rank by sound	ASTM E413	29 dB
Flexural Elasticity	ASTM D790	4055 kg / mm ²
Cutting resistance	ASTM D732-99	≥28 MPa
Minimal flexural stress	ASTM D790	(LO) 45 mm (PO) 70 mm
Non propagation of fire	ASTM E84	Certified
Develope smoke	ASTM E84	<45
Wind Pressure Resistance	ASTM E330	Approved
Water resistant	ASTM E331	Approved
Air Resistance Properties	ASTM E283	Approved