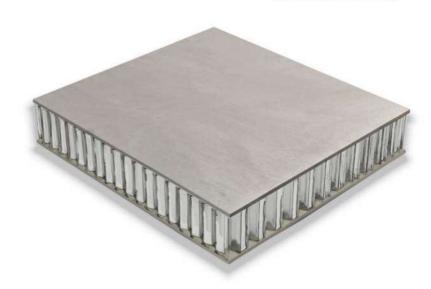


ALU - ALU

ALU-ALU is a sandwich panel that is bonded with aluminum face material and with a core in aluminum honeycomb.

ALU-ALU honeycomb panel is a lightweight, structural composite sandwich board that adds strength, not weight, to primary and secondary panel structures, while saving time and reducing labor in production. It offers an exceptionally high strength to weight ratio, making these value-added sandwich panels an ideal substitute for Plywood and OSB in applications where weight reduction is required.

We also make honeycomb panels according to be needs of our clients for which dimensions and specifications are determined by our customers



Honeycomb Core Type Total thickness mm		ALU Ø9.0 - 54kg/m3 - 3003				
		10	12	15	20	25
Skin thickness mm	Тор	1.0	1.0	1.0	1.0	1.0
	Bottom	1.0	1.0	1.0	1.0	1.0
Core thickness mm		8	10	13	18	23
Weight kg/m²		6.7	6.8	6.9	7.2	7.5
Temperature Resistence		Approximately -40°C to +80°				
Flatness		1.0 mm per meter				
Skin alloy	AL 1100 / AL 3003					

AVAILABILITY

Standard Dimensions

1220mm x 2440mm (other dimensions available on request) Max. width 1525 mm and Max. length 4000 mm

Panel Thickness

Made to order, thickness 6 mm to 200 mm

Standard Skin Thickness

0.5mm, 0.7mm, 0.8mm & 1.0mm (other thicknesses, alloys, powder coating & RAL colors available)

ACCREDITATIONS



Quality Management System in accordance to ISO 9001:2015



In conformity with the EU-MED directive, European Union Marine Equipment Directory, to allow use in vessels constructed, built, registered or operated in Europe 0098



C-class division according to SOLAS II-2, Reg. 3.10



IMO MSC 61(67) Fire Test Procedures Code compliant



Fire Tested in accordance to EN 13501-1

- A2-s1, d0 classification - A2 - non-combustible
- s1 no smoke
- d0 no flammable dropping