

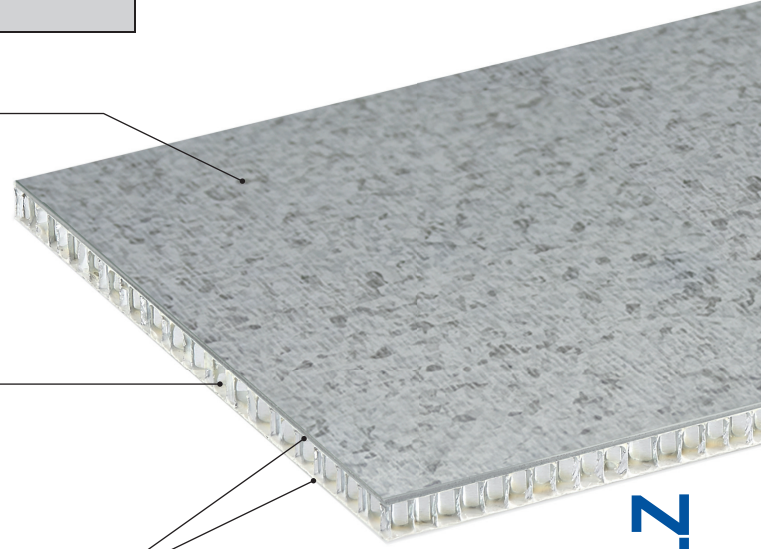
ALUSTEP® 300 - LIGHT - LZ

Panel's composition

SKIN OF GALVANIZED steel on one side
Thickness mm: from 0,35 to 1
 Other thicknesses on request with minimum order quantity

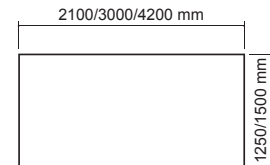
CORE
 Aluminium honeycomb (Alloy 3003/3005/3103/3104) with hexagonal cells
Diameter: Ø1/4", Ø3/8"
Thickness Foil: from 50 to 70 microns

SKINS IN BIDIRECTIONAL GLASSFIBER FABRIC
 300 gr/m² impregnated with epoxy resin
Thickness mm: 0,3

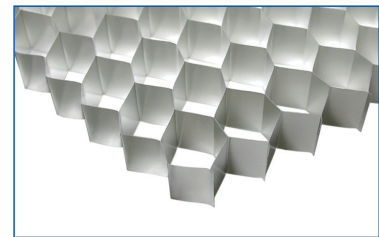


EXAMPLE	Panel's weight Ø6 56kg/m ³ (Ø 1/4")					
		<ul style="list-style-type: none"> Thickness' tolerance ± 0,3 mm Dimension's tolerance ± 30mm 				
	Total thickness mm	5	10	15	20	25
	SKINS' thickness mm	0,3 + 0,3 + 0,6				
	CORE'S thickness mm	3,8	8,8	13,8	18,8	23,8
Weight kg/m²	6,1	6,4	6,7	7	7,3	

Standard dimensions
 (other dimensions available on request)
Dimension tolerance ±30mm



Not squared rough edges



Aluminium honeycomb

Honeycomb core's properties		50 Microns			
Type	ALUMINIUM ALLOY 3003/3005/3103/3104				
Ø honeycomb in mm	6	9	12	19	
Ø honeycomb in inches	1/4"	3/8"	1/2"	3/4"	
Density Kg/m ³	56 - 59	39 - 40	29 - 30	20 - 21	
Compressive stabilised strength MPa	3,0 - 3,5	1,4 - 1,95	0,8 - 0,95	0,4 - 0,6	

Honeycomb core's properties		70 Microns			
Type	ALUMINIUM ALLOY 3003/3005/3103/3104				
Ø honeycomb in mm	6	9	12	19	
Ø honeycomb in inches	1/4"	3/8"	1/2"	3/4"	
Density Kg/m ³	80 - 83	54	40 - 42	27 - 29	
Compressive stabilised strength MPa	4,3 - 4,6	2,5 - 2,6	1,41 - 1,5	0,85 - 0,9	