

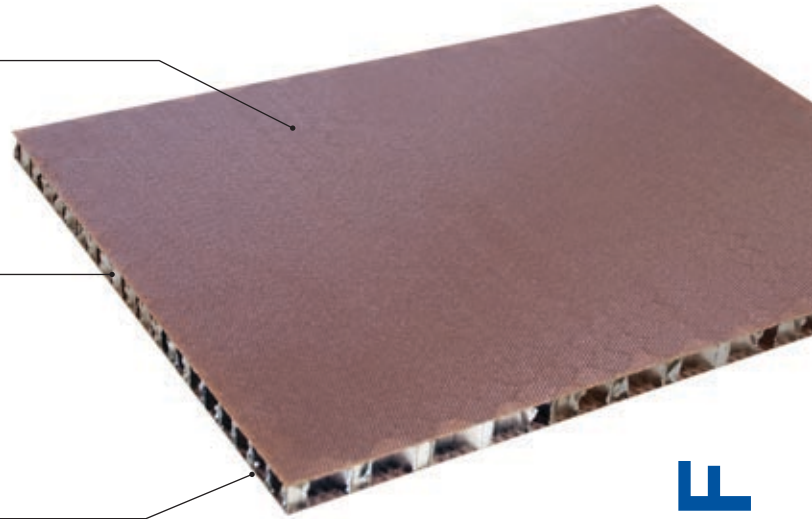
ALUSTEP - F

Panel's composition

SKINS IN BIDIRECTIONAL GLASSFIBER FABRIC impregnated with phenolic resin 290 g/m³

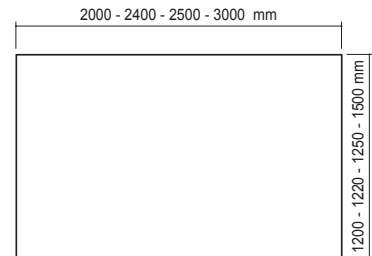
CORE
 Aluminium honeycomb (Alloy 3003/3104) with hexagonal cells
Diameter: Ø3/8, Ø1/4, X₁
Density: 50 or 70 micron

X₁ = other diameters on request



Panel's weight		X ₁ Panel with cores ALU Ø 3/8		X ₂ Panel with cores ALU Ø1/4	
EXAMPLE	• Thickness starting from 4 mm to 150 mm				
	• Thickness' tolerance ± 0,5 mm				
	• Dimension's tolerance ± 30 mm				
	Total thickness mm	6	15	6	15
	SKINS' thickness mm	0,3 + 0,3		0,3 + 0,3	
CORE'S thickness mm	5,4	14,4	5,4	14,4	
Weight kg/m²	1,4	1,8	2,07	2,58	

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



Honeycomb core's properties					
Type		ALUMINIUM ALLOY 3003/3104			
Cell size mm		Ø 1/4	Ø 3/8	Ø 1/2	Ø 3/4
Density micron		50 or 70			
Compressive stabilized MPa	50 micron	3,0 - 3,5	1,4 - 1,95	0,8 - 0,95	0,4 - 0,6
	70 micron	4,3 - 4,6	2,5 - 2,6	1,41 - 1,5	0,85 - 0,9



Aluminium honeycomb