

Drilled aluminium honeycomb

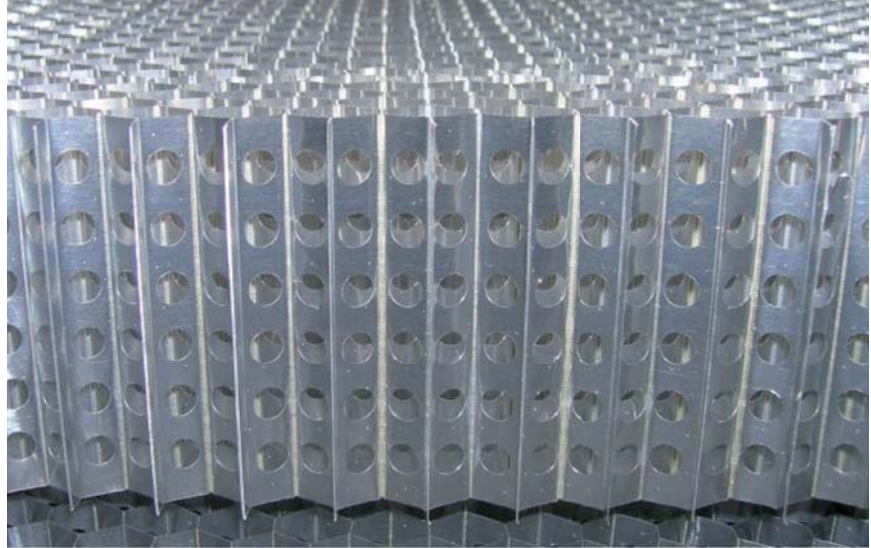
Panel's composition

DRILLED ALUMINIUM HONEYCOMB

Aluminium honeycomb (aluminium alloy 3000*)

Diameter: On request +/-10%

Thickness Foil: 70 Microns +16/-8 Microns



* To Aluminium alloy series 3000 belong: Aluminium alloy 3003, Aluminium alloy 3005, Aluminium alloy 3103, Aluminium alloy 3104

Technical properties

Technical properties	
Type	ALUMINIUM ALLOY 3003/3005/3103/3104
Grade	Aluminium Commercial
Cell size	on request +/-10%
Perforation	Yes
Foil thickness	70 Micron +16/-8 Microns
Density	It depends on the cell +/- 10%
Thickness of slices	On request
Sheer's slices	L-1250 mm (-0/+50 mm) x W-2500 (-0/+50 mm) expanded L-8500 mm (-0/+100 mm) x W-3000 (-0/+100 mm) overexpanded. The regularity of the cell is not guaranteed.
Number of holes and their diameter	On request

Honeycomb core's properties

70 Microns

Honeycomb core's properties		70 Microns				
Aluminium alloy	3003/3005/3103/3104					
Ø honeycomb in mm	3,2	6	9	12	19	
Ø honeycomb in inches	1/8"	1/4"	3/8"	1/2"	3/4"	
Density Kg/m ³	163	80 - 83	54	40 - 42	27 - 29	
Compressive stabilised strength MPa	10,2	4,3 - 4,6	2,5 - 2,6	1,41 - 1,5	0,85 - 0,9	