

## Drilled aluminium honeycomb

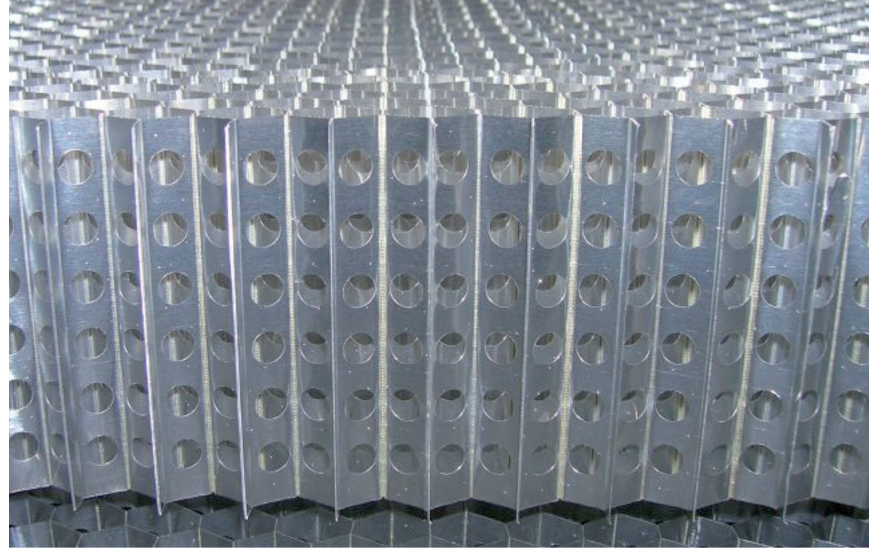
### Panel's composition

#### DRILLED ALUMINIUM HONEYCOMB

Aluminium honeycomb (aluminium alloy 3000\*)

**Diameter:** On request +/-10%

**Thickness Foil:** 70 Microns +/- 5 Microns



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

Technical properties	
Type	ALUMINIUM ALLOY 3003/3005/3103/3104
Grade	Aluminium Commercial
Cell size	on request +/-10%
Perforation	Yes
Foil thickness	70 Micron +/- 5 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				
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 <sup>3</sup>	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	