Data sheet
AP1216

DOORS & PANELS

Panels - Profiled Aluminium/HDF

Facing: Outside 1,5 mm Aluminium, powder coated
Inside 4 mm HDF

Core: XPS insulation

U-Value:

U-Value - W/m²K							
Total thickness	25,5 mm	27,5 mm	29,5 mm	33,5 mm	37,5 mm	43,5 mm	49,5 mm	53,5 mm
Rebate Thickness	24 mm	26 mm	28 mm	32 mm	36 mm	42 mm	48 mm	52 mm
U-Value	1,34	1,24	1,16	1,02	0,91	0,78	0,69	0,64

Heat conductivity is calculated on the basis of the practical heat conductivity of each included material - taken from data sheets and DS418:2011

Weight:

Weight appr. Kg./m²								
Total thickness	25,5 mm	27,5 mm	29,5 mm	33,5 mm	37,5 mm	43,5 mm	49,5 mm	53,5 mm
Rebate Thickness	24 mm	26 mm	28 mm	32 mm	36 mm	42 mm	48 mm	52 mm
Weight	8,5	8,6	8,7	8,8	8,9	9,1	9,3	9,5

Size 1000 x 1000 mm.

Performance:

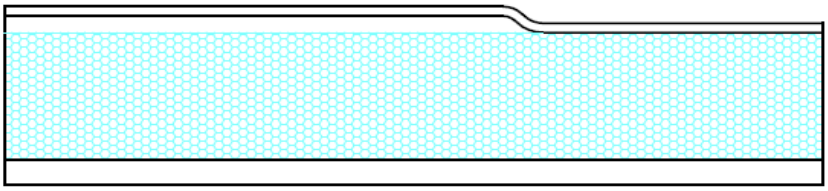
	Classification standards	Performance
Sound	EN 717-1	N/A
Fire	EN13501-1	N/A

Measure: Min.: 200 x 250 mm Max.: 1280 x 2100 mm / 1050 x 2580 mm
(Max 800 x 2000 mm for alu w/grooves)

Please notice: Profiled alu panels are only available as rectangular. No option for curved or angled shapes.

Tolerances:
Panel: Width/Height: +/- 1 mm - Diagonal: +/- 1,5 mm - Thickness: +/- 0,8 mm
Facing: Measurements on facing is before final sanding

Section drawing:



NB: No warranty for bending on elements longer than 1500mm. We recomend to use a construction with 1,0 mm alu on internal side + HDF

Made: 18.03.2014	Data sheet: PMN	Draw.: HMN
Revised: 08.05.2025	Data sheet: OLN	Draw.: HMN