

## Aluminum Door Panels

**Facing:** Outside 1,5 mm Aluminum, powder coated  
Inside 1,5 mm Aluminum, powder coated or 12 mm MDF

**Core:** Polystyrene insulation  
Please notice: Avoid solvent based impregnation, as this will damage the EPS core

Flush ALU/ALU:	Rebate thickness	24 mm	40 mm
	Total thickness	24 mm	40 mm
U-Value - W/m <sup>2</sup> K	1,27	0,79	
Weight appr. Kg./m <sup>2</sup>	8,8	9,3	

Profiled ALU/ALU:	Rebate thickness	24 mm	40 mm
	Total thickness	28 mm	44 mm
U-Value - W/m <sup>2</sup> K	1,1	0,73	
Weight appr. Kg./m <sup>2</sup>	8,9	9,5	

Profiled ALU/MDF:	Rebate thickness	24 mm	40 mm
	Total thickness	34 mm	50 mm
U-Value - W/m <sup>2</sup> K	1,16	0,75	
Weight appr. Kg./m <sup>2</sup>	13,5	14,0	

Heat conductivity is calculated on the basis of the practical heat conductivity of each included material - taken from data sheets and DS418:2011.  
Size 1000 x 2000 mm. / Values are calculated, not tested.

**Measure:** Min.: 450 x 1000 mm - Max.: 1000 x 2200 mm

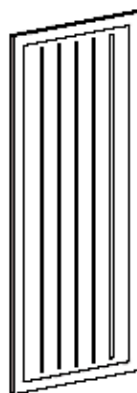
**Tolerances:**

Panel: Width/Height: +/- 1 mm - Diagonal: +/- 1,5 mm - Thickness: +/- 0,8 mm

Facing: Measurements on facing is before final sanding

Core: Inserts: +/- 1 mm on plywood

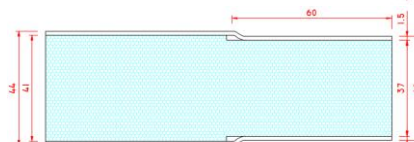
**Section drawing:**



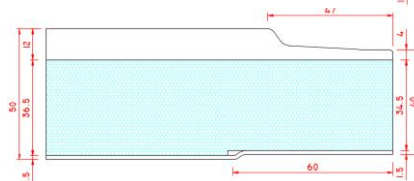
Flush ALU/ALU



Profiled ALU/ALU



Profiled ALU/MDF



Made: 14.08.2020	Data sheet: CRS	Draw.: CRS
Revised: 07.09.20	Data sheet: OLN	Draw.: CRS