

## 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	N/A	40 mm
Glass thickness	N/A	32 mm	
U-Value - W/m <sup>2</sup> K	N/A	0,83	
Weight appr. Kg./m <sup>2</sup>	N/A	9,7	

Profiled ALU/ALU:	Rebate thickness	24 mm	40 mm
	Total thickness	N/A	44 mm
Glass thickness	N/A	36 mm	
U-Value - W/m <sup>2</sup> K	N/A	0,77	
Weight appr. Kg./m <sup>2</sup>	N/A	9,8	

Profiled ALU/MDF:	Rebate thickness	24 mm	40 mm
	Total thickness	34 mm	50 mm
Glass thickness	22 mm	38 mm	
U-Value - W/m <sup>2</sup> K	1,18	0,79	
Weight appr. Kg./m <sup>2</sup>	13,7	14,2	

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:**

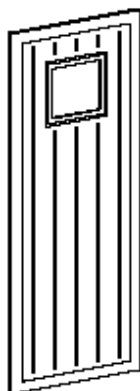
Panel: Width/Height: +/- 1 mm - Diagonal: +/- 1,5 mm - Thickness: +/- 0,8 mm

Facing: Measurements on facing is before final sanding

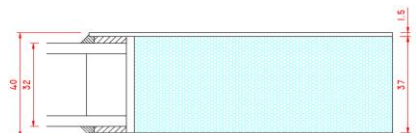
Core: Inserts: +/- 1 mm on plywood

**Section drawing:**

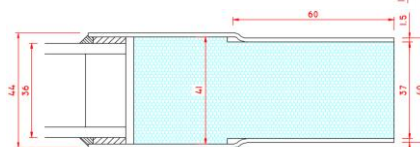
Glazing 250x250 mm



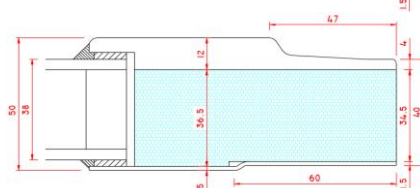
Flush ALU/ALU



Profiled ALU/ALU



Profiled ALU/MDF



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