

Iswood® door leaf blanks

General data	
Surface	Max Aluphenol, sanded on both sides, aluminium effect, 1.2 mm
Centre core	Multilayer sandwich board made of poplar plywood and high-quality pressed cork, 300 kg/m ³
Frame	Massive larch (FSC- or PEFC-certified)
Bonding	Water-resistant D3/D4 (EN 204-D3/D4)
Edge milling	Trimmed, without rabbet
Thicknesses	64 mm and 74 mm
Formats	Customised production according to customer specifications, maximum 2788 × 1288 mm

Classification	
Test certificate	No. 7091-PZ-01
Application field	A, b, c, d in accordance with the technical bulletin TM006 of the Verband Schweizerische Türenbranche (04/2000)
Climate categories	3c, 3d, 3e in accordance with EN 12219
Tolerances	Category 4 in accordance with EN 1530
U-values	0.961 W/m ² K, thickness 64 mm 0.789 W/m ² K, thickness 74 mm
Sound insulation	R _w = 34 dB Measurement in accordance with EN ISO 140-3 and EN ISO 717-1 at a thickness of 61 mm and 2 m ² test surface

Overview and results of the tests performed

Test object: door leaf blank ISWOOD® without surface finish; thickness: approx. 63 mm; width: 960 mm; length: 1972 mm; frame: larch; centre core: multilayer sandwich board made of poplar plywood and high-quality pressed cork; cover panel: aluphenol; weight: approx. 29 kg/m²

Local planarity in accordance with EN 952

	Visible deviation	Maximum deviation	Classification in acc. with EN 1530
Door leaf #801-1	No	0.10 ≤ x < 0.15 mm	Tolerance category 4
Door leaf #801-2	No	0.15 ≤ x < 0.20 mm	Tolerance category 4

General planarity in accordance with EN 952

	Longitudinal curvature	Transverse curvature	Warping	Classification in acc. with EN 1530
Door leaf #801-1	0.3	0.2	0.5	Tolerance category 4
Door leaf #801-2	0.2	0.2	0.5	Tolerance category 4

Climate category c: deformation and warping in accordance with EN 1121

	Longitudinal curvature (bow) in mm	Transverse curvature (cup) in mm	Warping (twist) in mm	Classification in acc. with EN 12219
Door leaf #801-1	-0.2	-0.1	0.4	Category 3c
Door leaf #801-2	-0.2	-0.1	0.2	Category 3c

Climate category d: deformation and warping in accordance with EN 1121				
	Longitudinal curvature (bow) in mm	Transverse curvature (cup) in mm	Warping (twist) in mm	Classification in acc. with EN 12219
Door leaf #801-1	-1.8	-0.5	0.9	Category 3d
Door leaf #801-2	-1.8	-0.5	0.6	Category 3d

Climate category e: deformation and warping in accordance with EN 1121				
	Longitudinal curvature (bow) in mm	Transverse curvature (cup) in mm	Warping (twist) in mm	Classification in acc. with EN 12219
Door leaf #801-1	1.6	0.1	0.8	Category 3e
Door leaf #801-2	1.7	0.1	0.4	Category 3e

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