

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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