

Published product ranges

Rebuilt from readable EIWTC product pages. These values describe published ranges, not stock, a current offer, or verified suitability for an individual order.

01 / SOFTWOOD DIY PANELS

Species	Spruce and pine
Dimensions (mm)	Widths: 200 / 250 / 300 / 400 / 500 / 600 / 800 Lengths: 800 / 1,000 / 1,200 / 1,500 / 2,000 / 2,500 / 3,000 Thicknesses: 18 / 27
Published properties	D3 according to DIN EN 204; 120-grit sanding; stated moisture 10%; lamella width 40-60 mm

Source: EIWTC / Softwood panels

<https://www.eiwtc.lu/products/softwood-panels/>

02 / HARDWOOD PANELS

Species	Beech and oak; other species on request
Finger-jointed (mm)	Width 100-1,250; length 300-5,200; single-layer thickness 18-45; double-layer 46-60
Continuous lamellas	Width 100-1,250; length 300-2,500; thickness 18-60 mm

Source: EIWTC / Hardwood panels

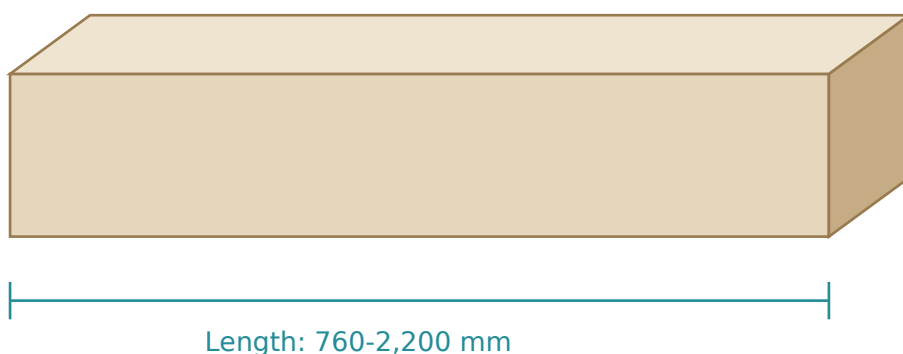
<https://www.eiwtc.lu/products/hardwood-panels/>

Before ordering: confirm construction, tolerances, quality grade, moisture, quantity, delivery requirements and the evidence applicable to the actual supply. Source pages reviewed on 13 September 2026.

Door stiles & frames

Independent schematic reconstruction. This is not a copy of the unavailable supplier drawing. Geometry is illustrative and not to scale.

S4S / finger-jointed lamellas



Species	Spruce, pine, beech
Published dimensions	Length: 760-2,200 mm Width: 32-52 mm / Thickness: 33.5-42 mm
Moisture / grades	10 +/- 2% / AA, AB
Construction / packing	S4S; finger-jointed lamellas; bundles on pallets

Source: EIWTC / Frames & stiles

<https://www.eiwtc.lu/products/frames-stiles/>

Ranges are separate published examples; they do not establish that every combination is available. Confirm the applicable cross-section, tolerance and quality specification for the order.

Original technical-sketch listing (content not verified)

<https://www.eiwtc.lu/downloads/>

Function before product

An editorial planning aid based on the supplied school-door planning concept and the EIWTC V2 brief. Not a standard, assembly approval or project-specific technical commitment.

01 / ENTRY

Who may enter? Define user groups, zones and time profiles.

02 / EXIT

Who must be able to leave? Record direction-specific requirements.

03 / PROTECTION

What must the door protect? Coordinate fire, smoke, escape and security functions.

04 / RE-LOCKING

What happens after passage? Separate closing, latching and locking.

05 / INTERFACES

Where does access control act? Identify components, signals and responsibilities.

06 / FAILURE

What must remain possible? Consider power, network, battery and recovery separately.

ONE DOOR / SEVERAL SYSTEM LAYERS

Building use / door and hardware / access control / electrical systems / operation

A door-position contact does not by itself prove bolt engagement. Specify the information needed by the operator and the evidence that establishes it. Agree the sequence for normal operation, passage, incident, and failure/recovery.

Source basis: user-supplied “Schulische Türsysteme” planning concept (V2.1) and EIWTC V2 project brief. Original source material is not reproduced. This document is newly authored for the V2 working website.

AI may prepare. EIWTC reviews and approves.