

EN

HASSLACHER
NORICA TIMBER

From **wood** to **wonders**.

Innovation

HASSLACHER CLT 1250

The building product with a system.

Product information

HASSLACHER CLT 1250

Areas of application

- ⊕ Single and multiple family homes
- ⊕ Multi-storey residential buildings
- ⊕ Industrial and commercial buildings
- ⊕ Office buildings, schools, and kindergartens
- ⊕ Urban densification
- ⊕ Carports

Fields of use

- ⊕ Ceilings
- ⊕ Roof construction
- ⊕ Stiffening walls

Advantages HASSLACHER CLT 1250

- ⊕ Lengths up to 24 m, without panel wide finger joint line (large finger joints)
- ⊕ No grid dimensions in length
- ⊕ Possibility to combine truck loads with glued laminated timber (also with CNC)
- ⊕ Fire- and temperature-resistant adhesive
- ⊕ High fire resistance due to low mass charring rate
- ⊕ Planed, sanded, or brushed surface available on request

Advantages of timber constructions

- ⊕ Solid and made of wood
- ⊕ Pleasant and comfortable room climate
- ⊕ Fast, easy, and systematic assembly
- ⊕ Lower self-weight than reinforced concrete
- ⊕ High chemical resistance
- ⊕ Positive impact on climate protection through storage of carbon dioxide (CO₂)
- ⊕ Ecologically sustainable building materials



Product standard/certification

ETA-12/0281

Surface qualities

Visual quality
Industrial quality

On request: Excellentsurface
 Industrial visual quality

On request, cover lamellas can also be edge bonded.

Surface finishing

Planed up to 24 m in length

On request: Sanded or brushed
 Water-based surface finishes available

Cross sections

Thickness: 60 mm to 280 mm
 other panel thicknesses and special
 lay-ups on request.

Width: 1.25 m; smaller widths on request.

Length: 8 m to 24 m
 2 m to < 8 m in multiple lengths

Wood species

- ⊕ Spruce/fir
- ⊕ Pine, larch, Swiss stone pine, fir, and hardwoods (on request)

Timber framing

5-axis CNC processing
with state of the art cutting machines
from different brands

Certification

The current certificates are available in the download area of our website at HASSLACHER.COM.

Panel lay-ups

Type	Thickness (mm)	Layers	Panel lay-ups (mm)						Maximum span length for single-span beams		Mass (kg/m ²)	
									Roof*	Ceiling**		
BSP 60	60	3s								2,8	2,2	27
BSP 80	80	3s								3,5	2,8	36
BSP 90	90	3s								4,0	3,2	40,5
BSP 100	100	3s								4,4	3,4	45
BSP 120	120	3s								5,3	4,1	54
BSP 100	100	5s	20							4,2	3,3	45
BSP 120	120	5s	20							4,9	3,8	54
BSP 140	140	5s	40							6,0	4,5	63
BSP 160	160	5s	40							6,7	4,9	72
BSP 180	180	5s	40							7,3	5,2	81
BSP 200	200	5s	40							7,8	5,5	90
BSP 220	220	7ss	40	40						9,1	6,2	99
BSP 240	240	7ss	40	40						9,8	6,5	108
BSP 260	260	7ss	40	40						10,4	6,8	117
BSP 280	280	7s / 7ss	40	40						10,0 / 10,9	6,6 / 7,2	126

The maximum span lengths listed are intended for preliminary design only and do not replace the static proof. Due to the density's natural variability, the quantified masses may vary up to ±15%. ss: outer layers consist of 2 longitudinal layers (l).

Duration of fire resistance

R0 R30 R60 R90

*only deflection 1, $g_{1,k} = 0,5 \text{ kN/m}^2$

$S_k = 1,5 \text{ kN/m}^2$

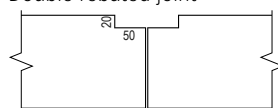
**with vibration 3, $g_{1,k} = 1,5 \text{ kN/m}^2$

$q_k = 2 \text{ kN/m}^2 \text{ A}$

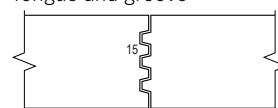
Pre-dimensioning is carried out according to EN 1995-1-1 and technical approval.

Narrow face joints

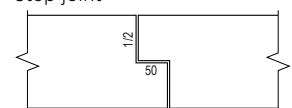
Double rebated joint



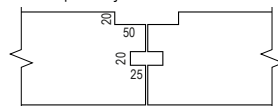
Tongue and groove



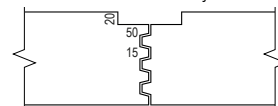
Step joint



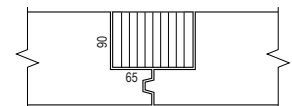
Double rebated joint with spline joint



Tongue and groove with double rebated joint



X-Fix C with tongue and groove



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