PRODUCT INFORMATION

HASSESSLACHER 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 HASSESSLACHER 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 burning 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 up to 20 m in length  
Water-based surface finishes available

**CROSS SECTIONS**  
Thickness: 90 mm to 280 mm  
60 mm and 80 mm as well as 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 various lengths

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

**TIMBER FRAMING**  
5-axis CNC processing  
Hundegger ROBOT-Drive 1250

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

<table>
<thead>
<tr>
<th>PANEL LAY-UPS</th>
<th>Maximum span length for single-span beams</th>
<th>Mass (kg/m²)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
<td><strong>Thickness (mm)</strong></td>
<td><strong>Layers</strong></td>
</tr>
<tr>
<td>60</td>
<td>60</td>
<td>3s</td>
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<tr>
<td>80</td>
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<tr>
<td>100</td>
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<tr>
<td>120</td>
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</tr>
<tr>
<td>280</td>
<td>280</td>
<td>7s / 7ss</td>
</tr>
</tbody>
</table>

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).

**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

Duration of fire resistance:  
R0  
R30  
R60  
R90  
*only deflection, \( g_{1k} = 0.5 \text{ kN/m}^2 \)  
**with vibration, \( g_{1k} = 1.5 \text{ kN/m}^2 \), \( q_{1k} = 2 \text{ kN/m}^2 \)  
Preliminary design according to EN 1995-1-1 and the technical assessment.
From **wood** to **wonders**.