

# Declaration of Performance

No.: DOP / KLH / 2018\_v01\_eng

1. Unique identification code of the product type:  
**KLH-Massivholzplatten (KLH solid wood slabs)  
complying with ETA-06/0138**
2. Intended use:  
**Solid wood slab elements to be used as load bearing or non-load bearing structural elements  
in buildings**
3. Name, registered trade name or registered trademark and contact address of the manufacturer:  
**KLH Massivholz GmbH  
8842 Teufenbach-Katsch, Gewerbestraße 4  
Austria**
4. Authorised representative:  
**No authorised representative**
5. System of assessment and verification of constancy of performance:  
**System 1**
6. European Assessment Document: **EAD 130005-00-0304**  
European Technical Assessment: **ETA-06/0138 issued on 20.02.2017**  
Technical assessment body: **Austrian Institute of Construction Engineering (OIB)**  
Notified body: **HOLZCERT AUSTRIA No. 1359**
7. Declared performance:

ESSENTIAL CHARACTERISTICS	PERFORMANCE
<b>Mechanical characteristics as</b>	
Modulus of elasticity Bending strength Compressive strength Tensile strength Shear strength Shear modulus	Mechanical characteristics for: KLH-Massivholzplatten (KLH solid wood slabs) in accordance with annex 3 of ETA-06/0138
Product dimensions	For all product types: Widths to 2980 mm Lengths to 16500 mm Thicknesses from 57 mm to 300 mm The actual product dimensions can be obtained from the accompanying documents

ESSENTIAL CHARACTERISTICS	PERFORMANCE
<b>Resistance to fire as</b>	
Fire resistance duration	From REI 30 to REI 240 depending on the panel build-up and potential fire resistant claddings respectively.
Charring rate	According to annex 5, table 6 of ETA-06/0138
Mean density	$\rho_{\text{mean}} \geq 380 \text{ kg/m}^3$
Wood species	European spruce or equivalent softwood
<b>Reaction to fire as</b>	
Fire reaction class	D-s2, d0
<b>Emission of Formaldehyde as</b>	
Formaldehyde emission class	For all product types E1 according to EN 14080 Use of Formaldehyde-free PUR adhesive
<b>Emission of other hazardous substances</b>	
Emission of other hazardous substances	Not applicable

The performance of the product is in accordance with/conforms to the declared performance. This declaration of performance is coherent with the regulation (EU) No. 305/2011 and is issued under the sole responsibility of the manufacturer identified under item 3 above.

Signed for and on behalf of the manufacturer by:



  
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Mag. Marco Huter, Managing Director



  
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DI Johannes Habenbacher, Managing Director

Teufenbach-Katsch, 23/01/2018