

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
Mechanical characteristics as	
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
Resistance to fire as	
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
Reaction to fire as	
Fire reaction class	D-s2, d0
Emission of Formaldehyde as	
Formaldehyde emission class	For all product types E1 according to EN 14080 Use of Formaldehyde-free PUR adhesive
Emission of other hazardous substances	
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:


KLH MASSIVHOLZ GMBH
 8842 Teufenbach-Katsch | Gewerbestraße 4
 Tel +43 (0)3588 8835 0 | Fax +43 (0)3588 8835 20
 office@klh.at | www.klh.at



Mag. Marco Huter, Managing Director


KLH MASSIVHOLZ GMBH
 8842 Teufenbach-Katsch | Gewerbestraße 4
 Tel +43 (0)3588 8835 0 | Fax +43 (0)3588 8835 20
 office@klh.at | www.klh.at



DI Johannes Habenbacher, Managing Director

Teufenbach-Katsch, 23/01/2018