



Declaration of Performance

Nr. DoP / EH-010-Balken

Description of the number: Declaration of Performance Eschelmüller Holz GmbH Version 1.0 glued solid timber

1. Unique identification code of the product-type: **Glued solid timber**
2. Intended use/es: **Building and bridge construction**
3. Manufacturer: **Eschelmüller Holz GmbH
Rothfarn 19
3923 Jagenbach
Austria**
4. Authorized representative: **No external authorized representative**
5. System/s of AVCP: **System 1**
6. Harmonised standard: **EN 14080:2013**
7. Declared performance/s:

Essential characteristics	Declared performance
Mechanical properties that cover the following: modulus of elasticity, bending, compression, tension and shear as	
Properties of the wood and strength of the finger joint as	C24
Geometric data	Heights: 80 mm to 280 mm Widths: 80 mm to 280 mm
Bonding strength as	
Strength of the finger joint	See mechanical properties, strength of the finger joint
Adhesive strength of glued joints	Delamination test according to EN 14080, Annex C, Method B
Reaction to fire as	
Reaction to fire class	D-s2, d0 according to the Annex of Commission Delegated Regulation (EU) 2017/1227 of 20 March 2017
Fire resistance as	
Strength class and Geometric Data	As for the mechanical properties
Formaldehyde emission as	
Formaldehyde emission class	E1, Formaldehyde-free
Emission of further hazardous substances	
Emission of further hazardous substances	No performance declared (NPD)
Durability of glue strength as	
Woodtype,	Spruce (<i>Picea abies</i>)
Glue	Glue for finger joints: PUR, EN 15425 I 90 GP 0,3 w Glue for surface bonding: PUR, EN 15425 I 90 GP 0,3 w
Durability of other characteristics (i.e., resistance to biological attack) as	
Lamellas without preservative treatment	Durability against wood-destroying fungi according to EN 350 DC 5

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Rothfarn, 29.10.2020


Ernst Eschelmüller, Managing Partner