

Declaration of Performance

Nr. DoP / EH-020-EKVH

Description of the number: Declaration of Performance Eschelmüller Holz GmbH Version 0.2

1. Unique identification code of the product-type: **Structural finger jointed solid timber, C24, Spruce**
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 15497:2014**
7. Declared performance/s:

Essential characteristics	Declared performance
Modulus of elasticity, bending, compression, tension and shear as	
Strength and stiffness properties of the structural timber and finger joint strength taken as the bending strength of the structural timber	C24
Bonding strength as	
Adhesive strength of finger joints taken as the bending strength of the structural timber	See modulus of elasticity, bending, compression, tension and shear
Fire resistance as	
Geometrical data and charring rate, including wood species and the characteristic density of the structural timber	No performance declared (NPD)
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
Formaldehyde emission as	
Formaldehyde emission class	E1, Formaldehyde-free
Emission of other hazardous substances	
Emission of other hazardous substances	No performance declared (NPD)
Durability of glue strength as	
Woodtype and glue	Spruce (<i>Picea abies</i>) PUR, EN 15425 I 90 GP 0,3 w
Durability against biological attack (i.e., resistance to biological organisms) as	
Structural timber 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