

## Declaration of performance

Nr. SH – 7110 – 07 - BSH

1. Unique identification code of the product type:

**Laminated beams out of spruce**

2. Intended use of the construction product according to the harmonized technical specification:

**Buildings an bridges**

3. Name, registered trade name or brand as well as the address of the manufacturer:

**SchwörerHaus KG  
Hans Schwörer Straße 8  
72531 Hohenstein/ Oberstetten  
Germany**

4. Authorised representative:

**No external authorised representative**

5. System for the evaluation and verification of the constancy of performance:

**System 1**

6. Harmonized norm:

**EN 14080:2013**

7. Notified body:

**n° 0797 Wood reserach Munich**

8. Declared Performance:

Essential characteristics:	Performance
Mechanical characteristics	
Properties of wood	Wood sorted by strength according to EN 14081-1
Flexural strength Compression strength Tensile strength Shear strength Modulus of elasticity Adhesive strength Strength of finger-joints	Characteristics of the strength class C 24 according to EN 338

<b>Fire resistance</b> Geometrical data	width: 60 to 280 mm; height: 100 to 280 mm
<b>Adhesive strength</b> Finger-joints Bonding joint integrity of the surface bonding	Strength class C 24 according to EN 338 Delamination test according to EN 14080, Annex C, Procedure B
<b>Fire behaviour</b>	D-s2, d0 according the Annex to the assigned Regulation (EU)2017/1227 the commission of 20.03.2017
<b>Formaldehyde emission class</b>	E1
<b>Release of other hazardous substances</b>	No performance specified (NPD)
<b>Durability of adhesive strength</b> Species Adhesives for finger-joints  Adhesives for surface bonding	Picea abies / Fichte, Abies alba / Tanne  MU, EN 301 Typ I 90 FJ 0,1S  MU, EN 301 Typ I 90 FJ 0,1S
<b>Durability against attack by biological organisms</b>  Lamellas without protective treatment  Lamellas with protective treatment	Durability class against wood-destroying fungi according to EN 350:2016 for all types of products DC 5  No performance specified (NPD)

The performance of the above-mentioned product corresponds to the declared performance features. The aforesaid manufacturer is solely responsible for this declaration of performance in accordance with the regulation (EU) n° 305/2011.

Signed on behalf of the manufacturer:

Technical director, Rainer Henniger  
Hohenstein-Oberstetten, 22.09.2020



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(Unterschrift)