

Declaration of performance

Nr. SH – 7102 – 07 - BSH

1. Unique identification code of the product type:

Glued laminated timber 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	Classification based on the lamella properties according to EN 338, assignment of the strength class according to table 4 or 5, EN 14080
Shear strength Modulus of elasticity Adhesive strength Strength of finger-joints	Glulam made of spruce, in the strength classes GL 24h, GL 24c, GL 28h, GL 28c, GL 30h and GL 30c

Fire resistance Geometrical data	width: 60 to 260 mm; height: 60 to 1400 mm
Adhesive strength Finger-joints Bonding joint integrity of the surface bonding	GL 24h, GL 24c, GL 28h, GL 28c, GL 30h and GL 30c Delamination test according to EN 14080, Annex C, Procedure B
Fire behaviour	D-s2, d0 according the Annex to the assigned Regulation (EU)2017/1227 the commission of 20.03.2017
Formaldehyde emission class	E1
Release of other hazardous substances	No performance specified (NPD)
Durability of adhesive strength 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
Durability against attack by biological organisms 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)