

## Declaration of performance

No. SH-8601-06-C24-Fi

1. Unique identification code of the product type.

**Finger-jointed solid spruce wood – C24 – without treatment  
for wood preservation**

2. Intended use of the building product according to harmonized technical specifications:

**Building and bridge construction**

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

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

4. Name and address of the person authorized for the tasks according to the PVO article 12 § 2:

**No external authorized person**

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

**System 1**

- 6a. Harmonized Norm:

**EN 15497:2014**

- 6b. Notified body:

**No. 0672 Material testing institute of the University of Stuttgart**

7. Declared performance:

Essential characteristics	Performance
<b>Modulus of elasticity, flexural, pressure, tensile and shear strength</b>	
Strength properties of the lumber and flexural strength of the finger-jointed connection as the flexural	For all product types Mechanical strength properties of strength class C24 according to EN 338

strength of the lumber	
<b>Adhesive strength</b>	
Adhesive strength of the finger-jointed connection as the flexural strength of the lumber	For all product types Look at modulus of elasticity, flexural, pressure, tensile and shear strength
<b>Durability of the adhesive strength as</b>	
Type of wood, adhesive	For all product types of spruce (Picea Abies) Product type 1: MU, EN 301 Typ I 90 FJ 0,1 S Product type 2: PUR, EN 301 Typ I 70 FJ 0,1w
<b>Fire resistance</b>	
Geometrical data	width: 58 to 300 mm; height: 30 to 150 mm
Burn rate as type of wood and characteristic density of the lumber	For all product types no performance declared
<b>Fire behaviour</b>	
Fire behaviour class	For all product types: D-s2, d0 according to the Annex to the assigned Regulation (EU)2017/1227 the commission of 20.03.2017
<b>Durability against attack by biological organisms</b>	
Lumber without protective treatment	Durability class against wood-destroying fungi according to EN 350:2016 for all types of products DC 5
<b>Formaldehyde emission as</b>	
Formaldehyde emission class	E1
<b>Release of other hazardous substances</b>	
Release of other hazardous substances	For all product types: no performance declared

The performance of the aforementioned product corresponds to the declared performances. The above mentioned manufacturer is solely responsible for the declaration of performance in accordance with the order (EU) No. 305/2011

Signed in the name of the manufacturer:

Technical Director, Rainer Henniger  
Hohenstein-Oberstetten, September 22, 2020



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(Signature)