

Laminated beams

Declaration of performance

No. 104-003

1. Unique identifier code of the product type: **Product type 1: Laminated beams spruce**

2. Purpose: In buildings and bridges

3. Manufacturer: **Holzwerk Gebr. Schneider GmbH
Kappel 28
88436 Eberhardzell
Germany**

4. Authorised representative: **No external authorised representative**

5. System for assessment and verification of the constancy of performance: **System 1**

6.a) Harmonised standard: **EN 14080:2013**

Notified body: **0672**

7. Declared performance:

Essential characteristics	Performance
Mechanical properties covering the following: Modulus of elasticity, bending strength, compressive strength, tensile strength and shear strength as:	
Properties of timber and Strength of finger joints as	Strength class for: <i>Product type 1:</i> C24
Geometrical data	For product type1: Widths of 80 mm to 280 mm Heights of 80 mm to 280 mm
Bonding strength as	
Strength of finger joints and Bonding strength of bonds between laminates	For all product types: See mechanical properties, strength of finger joints For all product types: Delamination test according to EN 14080, Annex C, Method B
Reaction to fire as	
Reaction to fire class	For all product types: D-s2, d0 according to annex of the delegated regulation (EU)2017/1227 of the commission dated 20.03.2017

Resistance to fire as	
Strength class and Geometrical data	As for mechanical properties
Emission of formaldehyde as	
Formaldehyde emission class	For all product types: E1
Release of other dangerous substances	
Release of other dangerous substances	For all product types: No performance declared (NPD)
Durability of bonding strength as	
Wood species, Adhesive	<i>Name of product type 1: Spruce (Picea abies)</i> For all product types: Adhesive for finger joints: PUR, EN 15425:2017 I 90 GP 0.3 Adhesive for bonds between laminations: PUR, EN 15425:2017 I 90 GP 0.3
Durability of other characteristics (i.e. resistance against biological attack) as	
Laminations without preservative treatment	Durability against timber-destroying fungi according to EN 350 for all product types: DC 5

The performance of the above product fulfils the declared performance. The above-mentioned manufacturer has the sole responsibility for the preparation of the declaration of performance in accordance with the regulation (EU) No. 305/2011.

Signed for and on behalf of the manufacturer by:

Ferdinand Schneider, Managing director

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(Name and job title)

Eberhardzell, 31.07.2019

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(Place and date of issuance)


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(Signature)