

Declaration of Performance

JNH-BSH-Fi_02



1. Unique code of the product type:

Glued laminated timber without surface treatment

- Product type 1: Spruce, GL 24h
- Product type 2: Spruce, GL 24c
- Product type 3: Spruce, GL 28h
- Product type 4: Spruce, GL 28c

2. Intended use:

buildings and bridges

3. Manufacturer:

Junginger Naturholzwerk GmbH
 Anton-Lutz-Straße 1
 D-74405 Gaildorf-Unterrot
 Germany

4. Authorized representative:

no external authorized representative

5. System for assessing and verifying the constancy of performance:

system 1

6.a) Harmonized standard:

EN 14080:2013

Notified body

MPA Stuttgart No. 0672

7. Performance declared:

Essential characteristics as	Performance
Mechanical characteristics: modulus of elasticity, bending, compression, tensile and shear strength as	
Characteristics of wood and strength of finger joints as	in accordance with the strength class at No.1: Product type 1: GL 24h Product type 2: GL 24c Product type 3: GL 28h Product type 4: GL 28c The assignment of the delivered products to the strength classes can be found in the delivery documents.
Geometric data	for all product types: Width 80 to 280 mm Height 60 to 640 mm
Bonding strength as	
Bending strength of finger joints and	for all product types: see mechanical characteristics
bonding strength of glue lines	for all product types: delamination test in accordance with EN 14080:2013, annex C, test method B

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Reaction to fire as	
Fire classification	for all product types: D-s2, d0 in accordance with Commission Delegated Regulation (EU) 2017/1227 of 20 March 2017
Fire resistance as	
Strength class and geometric data	for all product types: see mechanical characteristics
Emission of Formaldehyde as	
Formaldehyde emission class	for alle product types: E1
Release of other dangerous substances	
	for alle product types: no performance defined (NPD)
Durability of bonding strength as	
Species	for all product types: Spruce (Picea abies)
Adhesives	for all product types: finger joints: PUR, EN 15425-I-70-FJ-0,1 face bonding: PUR, EN 15425-I-90-GP-0,3-w
Durability against biological attack as	
Natural durability class against wood destroying fungi	according to EN 350-1: DC 5

The characteristics of the previous product are in conformity with the declared performance. The named manufacturer is exclusively responsible for preparing the Declaration of Performance in accordance with regulation EU/305/2011.

Signed on behalf of the manufacturer and in his name by

Matthias Junginger, Managing Director

.....
(Name and function)

Gaildorf, 28.09.2023

.....
(Place and date of issue)


.....
(Signature)



0672



Junginger Naturholzwerk GmbH
Anton-Lutz-Straße 1
D-74405 Gaildorf-Unterrot
Germany

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JNH-BSH-Fi

EN 14080:2013

**Glued laminated timber without surface treatment
for buildings and bridges**

Product type 1: Spruce, GL 24h
Product type 2: Spruce, GL 24c
Product type 3: Spruce, GL 28h
Product type 4: Spruce, GL 28c

Mechanical characteristics and fire resistance as

- Geometric Data	width 80 - 280 mm height 60 - 640 mm
- Strength class	GL 24h, GL 24c, GL 28h, GL 28c

Bonding strength as strength of

- Finger joints	GL 24h, GL 24c, GL 28h, GL 28c
- Glue lines	Delamination test B

Reaction to fire

D-s2, d0

Emission of Formaldehyde

E1

Durability of the bonding strength as

- Species	Spruce (<i>Picea abies</i>)
- Adhesive for face bonding	PUR EN 15425 I 90 GP 0,3 w
- Adhesive for finger joints	PUR EN 15425 I 70 FJ 0,1

**Durability against biological attack as
natural durability**

DC 5