

# Declaration of Performance

No.: DOP\_NL1\_BSH

1. Unique product type identification code:

**Glued laminated timber NL1**

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

**Buildings and Bridges**

3. Name, registered trade name or brand, along with the address of the producer according to Article 11 Paragraph 5 construction products regulation:

**NORDLAM GmbH**  
**Gasereistraße 1**  
**39126 Magdeburg**  
**Germany**

4. Name and address of the authorized agent for the tasks referred to in Article 12 Paragraph 2 construction products regulation:

**No authorized agent**

5. System of assessment and verification of performance constancy pursuant to Appendix V of the construction products regulation:

**System 1**

6. If the building product is regulated by a harmonized standard:

**EN 14080:2013**

7. Notified Body(ies):

**No. 1359**

8. If the building product is regulated by an European technical assessment:

**Not applicable**



9. Declaration of performance:

| Main Features and Characteristics                             |  | Performance   |
|---|--|---|
| <b>Mechanical characteristics of glued laminated products</b> | Characteristics of timber  | NPD   |
|   | Bending strength   | Classification based on the characteristics of laminations according EN 338 – assignment of strength class corresponding Table 4 or 5 EN 14080<br>Spruce/Fir: |
|   | Compression strength   |   |
|   | Tensile strength   |   |
|   | Shear strength   |   |
|   | Modulus of elasticity  | GL20h, GL20c, GL22h, GL22c, GL24h, GL24c, GL26h, GL26c, GL28h, GL28c, GL30h, GL30c, GL32h, GL32c  |
|   | Bonding strength   | Pine:   |
|   | Strength of finger joints  | GL24h, GL24c, GL 28h, GL28c, GL30h, GL30c   |
|   |  | Douglas fir:  |
|   | Additional for glued laminatd timber with large finger joints: Bending strength of large finger joints | GL24h   |
|   |  | NPD   |
| Resistance to fire  |  | NPD   |
| <b>Bonding strength</b>                                       | Glue line integrity of surface bonding   | Delamination test according EN 14080, Annex C, Test method B  |
|   | Glue lines between components of glued laminated timber  | NPD   |
|   | Large finger joints  | NPD   |
| Reaction to fire  |  | D-s2, d0  |
| Emission of formaldehyde                                      |  | E1  |
| Release of other dangerous substances                         |  | NPD   |
| <b>Durability of bonding strength</b>                         | Species  | Spruce/Fir, Pine, Douglas fir   |
|   | Adhesives  | MUF / Type I according EN 301<br>I 90 FJ 0,1 S w<br>I 90 GP 0,3 S w   |
| <b>Durability against biological attack</b>                   | Lamination without preservative treatment  | Durability class 5 according EN 350   |
|   | Lamination with preservative treatment   | NPD   |

NPD – No Performance Determined

Ein **UNTERNEHMEN** der **HASSLACHER** Gruppe



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**HASSLACHER**  
**NORICA TIMBER**

From **wood** to **wonders**.

10. The performance of the previous product corresponds with the declared performance/the declared performances. For the creation of this performance in accordance with the EU regulation No. 305/2011 the manufacturer is uniquely responsible for.

Signed in the name of the manufacturer:

Fabian Kern / managing director NORDLAM GmbH

Name and position

**NORDLAM GmbH**  
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*[Signature]*

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A MEMBER of HASSLACHER group

**HASSLACHER**  
**NORICA TIMBER**  
From wood to wonders.

Magdeburg, 24th September 2025

Place and date of issue

Stamp/signature

