

Declaration of Performance

No.: DOP_NL1_BSP

1. Unique product type identification code:

HASSLACHER CROSS 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:

Not applicable

7. Notified Body(ies):

No. 1359

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

ETA-12/0281 of 09. 11. 2020

9. Declaration of performance:

Main Features and Characteristics		Performance	
Mechanical characteristics of glued laminated products	Strength class	CL26E11.8	CL36E14.7
	Bending strength	Spruce/Fir	Spruce/Fir
	Compression strength	Surface Lamellas: 100% C24/L25 or T14 or Excellent Lamellas	Surface Lamellas: 100% C40 or T26
	Tensile strength		
	Shear strength	Middle Lamellas: max. 30% C16/L17 or T11 or min. 70% C24/L25 or T14	Middle Lamellas: 100% C24/L25 or T14
	Modulus of elasticity		
	Bonding strength	Characteristic properties according to ETA-12/0281	Characteristic properties according to ETA-12/0281
	Strength of finger joints		
	Additional for HASSLACHER CROSS LAMINATED TIMBER NL1 with large finger joints: Bending strength of large finger joints	NPD	
	Geometrical data	NPD	
Resistance to fire		NPD	
Bonding strength	Glue line integrity of surface bonding	Delamination test according EN 14080, Annex C, Test method B	
	Large finger joints	NPD	
Reaction to fire		D-s2, d0 D _{fi} -s1 (application as flooring)	
Emission of formaldehyde		E1	
Release of other dangerous substances		NPD	
Durability of bonding strength	Species	Spruce/Fir	
	Adhesives	MUF / Type I according EN 301 I 90 FJ 0,1 S Finger joints according to EN 14080 I 90 GP 0,3 S Surface bonding according to ETA-12/0281	

Durability against biological attack	Lamination without preservative treatment	Durability class 5 according EN 350-2
	Lamination with preservative treatment	NPD
Further notes		according to ETA-12/0281

NPD – No Performance Determined

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

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Ein UNTERNEHMEN der HASSLACHER Gruppe
 A MEMBER of HASSLACHER group

HASSLACHER
NORICA TIMBER
 From wood to wonders.

Magdeburg, 23rd February 2021

Place and date of issue

Stamp/signature