Declaration of Performance
No. DOP_MMHW_101

1. Unique identifier code of the product type: product type 1 **glued laminated timber GL24c**
product type 2 **glued laminated timber GL24h**
product type 3 **glued laminated timber GL28c**
product type 4 **glued laminated timber GL28h**
product type 5 **glued laminated timber GL30c**
product type 6 **glued laminated timber GL30h**
product type 7 **glued laminated timber GL32c**

2. Purpose: In buildings and bridges

3. Manufacturer: **Mayr-Melnhof Holz Wismar GmbH**
Am Torney 14, 23970 Wismar, 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: **NB 1359 (Holzforschung Austria)**

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: product type 1 **GL24c** product type 2 **GL24h** product type 3 **GL28c** product type 4 **GL28h** product type 5 **GL30c** product type 6 **GL30h** product type 7 **GL32c** The allocation of the construction products supplied to the individual strength classes can be taken from the accompanying documents.
Geometrical data	For all product types: Widths of 35 mm to 300 mm Heights of 75 mm to 1,040 mm The relevant product dimensions can be taken from the accompanying documents.
Bonding strength as	
Strength of finger joints and	For all product types: See mechanical properties, strength of finger joints
Bonding strength of bonds between laminates	For all product types: Delamination test according to EN 14080, Annex C, Method B
Reaction to fire as	

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Reaction to fire class	For all product types: D-s2, d0 pursuant to EN 14080, Table 11
Resistance to fire as	
Strength class and Geometrical data	characteristic density of the relevant strength class spruce (Picea Abies) see „Geometric data“
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	For all product types: Spruce (Picea Abies) Product typ 2: Pine (Pinus sylvestris) For all product types: Adhesive for finger joints: MUF EN 301 I 90 FJ 0,1 S Adhesive for bonds between laminations: MUF EN 301 I 90 GP 0,3 S
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:

Bernhard Waldner
General Manager

……...

Wismar, 03.11.2026

Signed for and on behalf of the manufacturer by:

Stefan Hörnicke
General Manager

……...

Wismar, 03.11.2026

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1359 – CPR - 0790

EN 14080:2013

Glued laminated timber made from conifer without preservative treatment to be used in buildings and bridges

Mechanical properties and resistance to fire as	
– Strength class	product type 1: **GL24c**
– Geometrical data	Widths 35 mm - 300 mm Heights 75 mm - 1,040 mm
Bonding strength as strength of the	
Finger joints	product type 1: **GL24c**
– Adhesive joins	Delamination test according to EN 14080, Annex C, Method B
Reaction to fire	D-s2, d0
Emission of formaldehyde	E1
Durability of bonding strength as	
– Wood species	Spruce (*Picea abies*)
– Adhesive for face bonding between laminations	MUF EN 301 I 90 GP 0,3 S
– Adhesive for finger joints	MUF EN 301 I 90 FJ 0,1 S
Durability of additional characteristics	
– Laminations without preservative treatment	Timber destroying fungi according to EN 350: DC 5

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Mechanical properties and resistance to fire as	
– Strength class	product type 2: **GL24h**
– Geometrical data	Widths 35 mm - 300 mm Heights 75 mm - 1,040 mm
Bonding strength as strength of the	
Finger joints	product type 2: **GL24h**
– Adhesive joins	Delamination test according to EN 14080, Annex C, Method B
Reaction to fire	D-s2, d0
Emission of formaldehyde	E1
Durability of bonding strength as	
– Wood species	Spruce (*Picea abies*) Pine *(Pinus sylvestris)*
– Adhesive for face bonding between laminations	MUF EN 301 I 90 GP 0,3 S
– Adhesive for finger joints	MUF EN 301 I 90 FJ 0,1 S
Durability of additional characteristics	
– Laminations without preservative treatment	Timber destroying fungi according to EN 350: DC 5

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Mechanical properties and resistance to fire as	
– Strength class	product type 3: **GL28c**
– Geometrical data	Widths 35 mm - 300 mm Heights 75 mm - 1,040 mm
Bonding strength as strength of the	
Finger joints	product type 3: **GL28c**
– Adhesive joins	Delamination test according to EN 14080, Annex C, Method B
Reaction to fire	D-s2, d0
Emission of formaldehyde	E1
Durability of bonding strength as	
– Wood species	Spruce (*Picea abies*)
– Adhesive for face bonding between laminations	MUF EN 301 I 90 GP 0,3 S
– Adhesive for finger joints	MUF EN 301 I 90 FJ 0,1 S
Durability of additional characteristics	
– Laminations without preservative treatment	Timber destroying fungi according to EN 350: DC 5

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Mechanical properties and resistance to fire as	
– Strength class	product type 4: **GL28h**
– Geometrical data	Widths 35 mm - 300 mm Heights 75 mm - 1,040 mm
Bonding strength as strength of the	
Finger joints	product type 4: **GL28h**
– Adhesive joins	Delamination test according to EN 14080, Annex C, Method B
Reaction to fire	D-s2, d0
Emission of formaldehyde	E1
Durability of bonding strength as	
– Wood species	Spruce (*Picea abies*)
– Adhesive for face bonding between laminations	MUF EN 301 I 90 GP 0,3 S
– Adhesive for finger joints	MUF EN 301 I 90 FJ 0,1 S
Durability of additional characteristics	
– Laminations without preservative treatment	Timber destroying fungi according to EN 350: DC 5

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Mechanical properties and resistance to fire as	
– Strength class	product type 5: **GL30c**
– Geometrical data	Widths 35 mm - 300 mm Heights 75 mm - 1,040 mm
Bonding strength as strength of the	
Finger joints	product type 5: **GL30c**
– Adhesive joins	Delamination test according to EN 14080, Annex C, Method B
Reaction to fire	D-s2, d0
Emission of formaldehyde	E1
Durability of bonding strength as	
– Wood species	Spruce (*Picea abies*)
– Adhesive for face bonding between laminations	MUF EN 301 I 90 GP 0,3 S
– Adhesive for finger joints	MUF EN 301 I 90 FJ 0,1 S
Durability of additional characteristics	
– Laminations without preservative treatment	Timber destroying fungi according to EN 350: DC 5

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Mechanical properties and resistance to fire as	
– Strength class	product type 6: **GL30h**
– Geometrical data	Widths 35 mm - 300 mm Heights 75 mm - 1,040 mm
Bonding strength as strength of the	
Finger joints	product type 6: **GL30h**
– Adhesive joins	Delamination test according to EN 14080, Annex C, Method B
Reaction to fire	D-s2, d0
Emission of formaldehyde	E1
Durability of bonding strength as	
– Wood species	Spruce (*Picea abies*)
– Adhesive for face bonding between laminations	MUF EN 301 I 90 GP 0,3 S
– Adhesive for finger joints	MUF EN 301 I 90 FJ 0,1 S
Durability of additional characteristics	
– Laminations without preservative treatment	Timber destroying fungi according to EN 350: DC 5

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Mechanical properties and resistance to fire as	
– Strength class	product type 7: **GL32c**
– Geometrical data	Widths 35 mm - 300 mm Heights 75 mm - 1,040 mm
Bonding strength as strength of the	
Finger joints	product type 7: **GL32c**
– Adhesive joins	Delamination test according to EN 14080, Annex C, Method B
Reaction to fire	D-s2, d0
Emission of formaldehyde	E1
Durability of bonding strength as	
– Wood species	Spruce (*Picea abies*)
– Adhesive for face bonding between laminations	MUF EN 301 I 90 GP 0,3 S
– Adhesive for finger joints	MUF EN 301 I 90 FJ 0,1 S
Durability of additional characteristics	
– Laminations without preservative treatment	Timber destroying fungi according to EN 350: DC 5

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