



Declaration of Performance
Nr. 101 - 1

1. Unambiguous ID code of the product type: **glued laminated timber made from coniferous wood without preservative treatment with universal finger joint**
2. Intended use: structural work and bridges, service class 1+2
3. Manufacturer: **Mayr-Melnhof Holz Reuthe GmbH**
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: **Nr. 1359**
7. Performance declared:

Essential characteristics	Performance
Mechanical properties as	
modulus of elasticity bending strength compressive strength tensile strength shear strength Bending strength of universal finger joints	Mechanical properties of strength classes BSH-UKZV GL 24 und GL28 The allocation of the construction products supplied to the individual strength classes can be taken from the accompanying documents. BSH-UKZV GL24 $f_{m,l,fj,dc,k}=19,2 \text{ N/mm}^2$ BSH-UKZV GL28 $f_{m,l,fj,dc,k}=21 \text{ N/mm}^2$
Geometric data	widths ranging between 80 mm and 260 mm heights ranging between 100 mm and 2 400 mm lengths of up to 34 m The relevant product dimensions can be taken from the accompanying documents.
Bonding strength as	
bending strength of finger joints glue line integrity	as specified pursuant to EN 14080, Table 2 & 3 delamination test pursuant to EN 14080, Annex C, Method B



Durability of bonding strength as	
species, adhesive	spruce (<i>Picea Abies</i>), larch (<i>Larix</i>) adhesive for finger-joints: MUF, EN 301-I-90-FJ-0,3-S adhesive for surface bonding: MUF, EN 301-I-90-GP-0,3-S Adhesive for universal finger joints product 1 PRF, EN 301 I 90 GF 1,5M product 2 MUF, EN 301 I 90 GF 1,5M
Durability against biological attack as	
natural durability class against wood destroying fungi EN 350-2	5
Fire resistance as	
geometric data charring rate as <ul style="list-style-type: none"> characteristic density species 	see „Geometric data“ characteristic density of the relevant strength class spruce (<i>Picea Abies</i>), larch (<i>Larix</i>)
Reaction to fire as	
Reaction to fire class	D-s2, d0 pursuant to EN 14080, Table 11
Emission of formaldehyde as	
formaldehyde emission class	E 1
Release of other dangerous substances	
release of other dangerous substances	not relevant

The performance of the above product conforms to the performance declared. The above 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:

Mathias Simma
General Manager

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Reuthe 13.10.2026



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Mayr-Melnhof Holz Reuthe GmbH

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EN 14080:2013

Glued laminated timber made from conifere without preservative treatment with universal finger jointed connections for use in buildings and bridges in Service classes 1+2

Mechanical properties and fire resistance as

– geometric data	see delivery note
– strength class and characteristic density	BSH-UKZV GL24 BSH-UKZV GL28
– Bending strength of the universal finger joint	BSH-UKZV GL24 19,2 N/mm ² BSH-UKZV GL28 21 N/mm ²
– species	spruce (<i>Picea abies</i>) larch (<i>Larix</i>)

Bonding strength as

– bending strength of finger joints	pursuant to EN 14080:2013
– glue line integrity	B

Reaction to fire

D-s2, d0

Emission of formaldehyde

E1

Durability of bonding strength as

– species	spruce (<i>Picea abies</i>) larch (<i>Larix</i>)
– adhesive for the surface bonding between the lamellas	MUF, I GP 90S
– adhesive for finger joints	MUF, I FJ 90S
– Adhesive used for universal finger joints	product 1 PRF, EN 301 I 90 GF 1,5M product 2 MUF, EN 301 I 90 GF 1,5M

Durability of other properties as

– natural durability against wood destroying fungi	5
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