



UKCA Declaration of Conformity
No. DOC UKCA_MMHG_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**

2. Purpose: In buildings and bridges

3. Manufacturer: **Mayr-Melnhof Holz Gaishorn GmbH**
8783 Gaishorn am See 182, Austria

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**
Assessment body: **1245 (CATG)**

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 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 80 mm to 280 mm Heights of 100 mm to 2,400 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 | |
| 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, | For all product types: spruce (Picea Abies) |
| Adhesive | For all product types: Adhesive for finger joints: MUF, EN 301-I-90-FJ-0,3-S, PUR EN 15425 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 UKCA declaration of conformity in accordance with the regulation (EU) No. 305/2011 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020.

Mayr- Melnhof Holz Gaishorn GmbH declare and take full responsibility for compliance that the product is in conformity with the relevant statutory and regulatory requirements applicable to the product for UKCA marking as outlined above.

Signed for and on behalf of the manufacturer by:

Markus Thier
Operation Manager

.....
Gaishorn, 2023.05.10

Signed for and on behalf of the manufacturer by:

Bernhard Waldner
General Manager

.....
Gaishorn, 2023.05.10

**UK
CA**

1245

Mayr-Melnhof Holz Gaishorn GmbH

8783 Gaishorn am See 182 – Austria

DOC UKCA_MMHG_101

22

1245 – CPR - 4008

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 80 mm - 280 mm Heights 100 mm - 2,400 mm |

Bonding strength as strength of the

| | |
|-------------------|--|
| Finger joints | product type 1: GL24c |
| – Adhesive joints | 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 (<i>Picea abies</i>) |
| – Adhesive for face bonding between laminations | MUF, I GP 90S |
| – Adhesive for finger joints | MUF, I FJ 90S PUR EN 15425 |

Durability of additional characteristics

| | |
|--|---|
| – Laminations without preservative treatment | Timber destroying fungi according to EN 350: DC 5 |
|--|---|

**UK
CA**

1245

Mayr-Melnhof Holz Gaishorn GmbH

8783 Gaishorn am See 182 – Austria

DOC UKCA_MMHG_101

22

1245 – CPR - 4008

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 2: GL24h |
| – Geometrical data | Widths 80 mm - 280 mm Heights 100 mm - 2,400 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 (<i>Picea abies</i>) |
| – Adhesive for face bonding between laminations | MUF, I GP 90S |
| – Adhesive for finger joints | MUF, I FJ 90S PUR EN 15425 |

Durability of additional characteristics

| | |
|--|---|
| – Laminations without preservative treatment | Timber destroying fungi according to EN 350: DC 5 |
|--|---|

**UK
CA**

1245

Mayr-Melnhof Holz Gaishorn GmbH

8783 Gaishorn am See 182 – Austria

DOC UKCA_MMHG_101

22

1245 – CPR - 4008

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 3: GL28c |
| – Geometrical data | Widths 80 mm - 280 mm Heights 100 mm - 2,400 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 (<i>Picea abies</i>) |
| – Adhesive for face bonding between laminations | MUF, I GP 90S |
| – Adhesive for finger joints | MUF, I FJ 90S PUR EN 15425 |

Durability of additional characteristics

| | |
|--|---|
| – Laminations without preservative treatment | Timber destroying fungi according to EN 350: DC 5 |
|--|---|

**UK
CA**

1245

Mayr-Melnhof Holz Gaishorn GmbH

8783 Gaishorn am See 182 – Austria

DOC UKCA_MMHG_101

22

1245 – CPR - 4008

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 4: GL28h |
| – Geometrical data | Widths 80 mm - 280 mm Heights 100 mm - 2,400 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 (<i>Picea abies</i>) |
| – Adhesive for face bonding between laminations | MUF, I GP 90S |
| – Adhesive for finger joints | MUF, I FJ 90S PUR EN 15425 |

Durability of additional characteristics

| | |
|--|---|
| – Laminations without preservative treatment | Timber destroying fungi according to EN 350: DC 5 |
|--|---|

**UK
CA**

1245

Mayr-Melnhof Holz Gaishorn GmbH

8783 Gaishorn am See 182 – Austria

DOC UKCA_MMHG_101

22

1245 – CPR - 4008

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 5: GL30c |
| – Geometrical data | Widths 80 mm - 280 mm Heights 100 mm - 2,400 mm |

Bonding strength as strength of the

| | |
|-------------------|--|
| Finger joints | product type 5: GL30c |
| – Adhesive joints | 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 (<i>Picea abies</i>) |
| – Adhesive for face bonding between laminations | MUF, I GP 90S |
| – Adhesive for finger joints | MUF, I FJ 90S PUR EN 15425 |

Durability of additional characteristics

| | |
|--|---|
| – Laminations without preservative treatment | Timber destroying fungi according to EN 350: DC 5 |
|--|---|

**UK
CA**

1245

Mayr-Melnhof Holz Gaishorn GmbH

8783 Gaishorn am See 182 – Austria

DOC UKCA_MMHG_101

22

1245 – CPR - 4008

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 6: GL30h |
| – Geometrical data | Widths 80 mm - 280 mm Heights 100 mm - 2,400 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 (<i>Picea abies</i>) |
| – Adhesive for face bonding between laminations | MUF, I GP 90S |
| – Adhesive for finger joints | MUF, I FJ 90S PUR EN 15425 |

Durability of additional characteristics

| | |
|--|---|
| – Laminations without preservative treatment | Timber destroying fungi according to EN 350: DC 5 |
|--|---|