



**UKCA Declaration of Conformity**  
No. DOC UKCA\_MMHG\_102

1. Unique identifier code of the product type: **Duo- / Trio beams C24**
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
<b>Mechanical properties covering the following: Modulus of elasticity, bending strength, compressive strength, tensile strength and shear strength as:</b>	
Properties of timber and Strength of finger joints as	Strength class for Duo- / Trio beams: <b>C24</b>
Geometrical data	Widths of 100 mm to 280 mm Heights of 100 mm to 280 mm The relevant product dimensions can be taken from the accompanying documents.
<b>Bonding strength as</b>	
Strength of finger joints and Bonding strength of bonds between laminates	See mechanical properties, strength of finger joints  Delamination test according to EN 14080, Annex C, Method B
<b>Reaction to fire as</b>	
Reaction to fire class	D-s2, d0 pursuant to EN 14080, Table 11
<b>Resistance to fire as</b>	
Strength class and Geometrical data	characteristic density of the relevant strength class spruce (Picea Abies) see „Geometric data“
<b>Emission of formaldehyde as</b>	
Formaldehyde emission class	E1
<b>Release of other dangerous substances</b>	
Release of other dangerous substances	No performance declared (NPD)
<b>Durability of bonding strength as</b>	
Wood species, Adhesive	spruce (Picea Abies) Adhesive for finger joints: MUF, EN 301-I-90-FJ-0,3-S Adhesive for bonds between laminations: MUF, EN 301-I-90-GP-0,3-S



<b>Durability of other characteristics (i.e. resistance against biological attack) as</b>	
Laminations without preservative treatment	Durability against timber-destroying fungi according to EN 350: 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\_102

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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	<b>C24</b>
– Geometrical data	Widths 100 mm - 280 mm Heights 100 mm - 280 mm

**Bonding strength as strength of the**

Finger joints	<b>C24</b>
– 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

**Durability of additional characteristics**

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