

# Declaration of Conformity

NR. DOC-WH-8082PT WIEHAG 0636-UKCA

according to EU Regulation 305/2011, as retained in UK law, and as amended by SI no. 465/2019 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2019) and SI no. 1359/2020 (the Construction Products (Amendment etc.) (EU Exit) Regulations 2020.)

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|--|---|
| 1. DoC no.   | DOC-WH-8082PT WIEHAG 0636-UKCA  |
| 2. Unique product identification code:   | Glulam according to EN 14080:2013   |
| 3. Use:  | buildings and bridges. Structural timber<br>For load-bearing purposes with rectangular cross-section according to EN 14080:2013<br>Glued laminated timber: GL 20h<br>Glued laminated timber: GL 24c<br>Glued laminated timber: GL 24h<br>Glued laminated timber: GL 28c<br>Glued laminated timber: GL 28h<br>Glued laminated timber: GL 30c<br>Glued laminated timber: GL 30h<br>Glued laminated timber: GL 32c |
| 4. Manufacturer:   | Fa. Wiehag GmbH<br>Linzerstraße 24, 4950 Altheim  |
| 5. System for the assessment and Verification of constancy of performance of the building product: | System 1  |
| 6. Harmonized standard:  | EN 14080:2013   |
| 7. National standard:  | BS EN 14080:2013  |
| 8. National grad:  | -   |
| 9. Notified body:  | No. 1245<br>CATG Limited 29a Prices Crescent<br>Morecambe LA4 6BY web:<br><a href="http://www.catg.co.uk">www.catg.co.uk</a>  |
| 10. Certificate number:  | 1245-CPR-4012   |

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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	PCAB - spruce/ ABAL - fir: (Picea abies / Abies alba)	
	Glulam: GL 20 h	Glulam: GL 24 c
	Glulam: GL 24 h	Glulam: GL 28 c
	LADC - Larch (Larix decidua)	
	Glulam: GL 24 c	Glulam: GL 28 c
	Glulam: GL 24 h	
	PSMN – Douglas fir: (Pseudotsuga menziesii)	
	Glulam: GL 24 c	Glulam: GL 28 c
Glulam: GL 24 h		
	PNSY- Pine: (Pinus sylvestris)	
Glulam: GL 24 c	Glulam: GL 28 c	
	Glulam: GL 24 h	Glulam: GL 28 h
Geometric data	For all product types: Width from 40 mm till 280 mm (ziegelverklebte Bauteile bis 360 mm) Height from 80 mm till 3.200 mm and length till 51 m The measurements will be displayed on the accompanying documents.	
<b>Bonding strength</b>		
Strength of finger joints and Bonding strength of bonds between laminates	For all product types: According to the standards of EN 14080:2013 Test of delamination after EN 14080, Appendix C, Methode B	
<b>Reaction to fire as</b>		
Reaction to fire class	For all product types: D-s2, d0 according to delegated regulation (EU)2017/1227 of the commission from 20.03.2017	
<b>Resistance to fire as</b>		
Strength class and geometric data	See mechanical properties	
<b>Emission of formaldehyde</b>		
Formaldehyde emission class	For all product types: E1	
<b>Release of other dangerous substances</b>		
Release of other dangerous substances	For all product types: not defined (NPD)	

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Durability of bonding strength		
PCAB - spruce/ ABAL - fir: (Picea abies / Abies alba)	Glulam: GL 20 h Glulam: GL 24 c Glulam: GL 24 h Glulam: GL 28 c	Glulam: GL 28 h Glulam: GL 30 c Glulam: GL 30 h Glulam: GL 32 c
LADC - larch (Larix decidua)	Glulam: GL 24 c Glulam: GL 24 h Glulam: GL 28 c	Glulam: GL 28 h Glulam: GL 30 c Glulam: GL 30 h
PSMN – Douglas fir: (Pseudotsuga menziesii)	Glulam: GL 24 c Glulam: GL 24 h Glulam: GL 28 c	Glulam: GL 28 h Glulam: GL 30 h
adhesive	For all product types: Adhesive for finger joints: MUF TYP I according to EN 301 I 70 GP 0,3S Adhesive for surfacebonding: MUF TYP I according to EN 301 I 70 GP 0,3S Adhesive for block joints: MUF TYP I according to 301, PRF TYP I according to EN 301	
Durability of other characteristics (i.e. resistance against biological attack)		
Typ of treatment and means of protection	Surface treatment with wood preservative	
Depth of penetration	Surface treatment NP1 coat, wipe or roller	
Quality of the absorption	100g/ m <sup>2</sup> / according to technical data sheet of the manufacturer	
Target organism	P, B, Iv	

Signed for and on

behalf of the manufacturer by: Altheim 20.12.2022

Dr. Erich Wiesner, Management CEO