

# Declaration of Conformity

NR. DOC-WH-8082 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-8082 WIEHAG 0636-UKCA   |
| 2. Unique product identification code:   | Glulam according to EN 14080:2013  |
| 3. Use:  | buildings and bridges. Structural timber 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><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: ( <i>Picea abies</i> / <i>Abies alba</i> )
	Glulam: GL 20 h                      Glulam: GL 24 c Glulam: GL 24 h                      Glulam: GL 28 c
	LADC - Larch ( <i>Larix decidua</i> )
	Glulam: GL 24 c                      Glulam: GL 28 c Glulam: GL 24 h
	PSMN – Douglas fir: ( <i>Pseudotsuga menziesii</i> )
	Glulam: GL 24 c                      Glulam: GL 28 c Glulam: GL 24 h
	PNSY- Pine: ( <i>Pinus sylvestris</i> )
	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)		
Laminations without preservative treatment	Sustainability against funghi infection against EN 350-2 for all product types	

Signed for and on behalf of the manufacturer by: Altheim 20.12.2022

  
Dr. Erich Wiesner, Management CEO