

Declaration of Conformity

NR. DOC-WH-8080 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.)

1. DoC no. DOC-WH-8080 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
Glued laminated timber: GL 20h
Glued laminated timber: GL 24c
Glued laminated timber: GL 24h
Glued laminated timber: GL 28c
Glued laminated timber: GL 28h
Glued laminated timber: GL 30c
Glued laminated timber: GL 30h
Glued laminated timber: GL 32c
Glued laminated timber: GL 32h
4. Manufacturer: Fa. Wiehag GmbH
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

CATG Limited 29a Prices Crescent
Morecambe LA4 6BY web:
www.catg.co.uk
10. Certificate number: 1245-CPR-4012

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Essential characteristics	Performance	
Mechanical properties		
Properties of wood and finger joint strengths as modulus of elasticity, flexural strength, tensile strength and shear strength.		
PCAB -Spruce/ ABAL -Fir (Picea abies / Abies alba)	Glued laminated timber: GL 20h Glued laminated timber: GL 24c Glued laminated timber: GL 24h Glued laminated timber: GL 28c	Glued laminated timber: GL 28h Glued laminated timber: GL 30c Glued laminated timber: GL 30h Glued laminated timber: GL 32c Glued laminated timber: GL 32h
LADC -Larch (Larix decidua)	Glued laminated timber: GL 24c Glued laminated timber: GL 24h Glued laminated timber: GL 28c	Glued laminated timber: GL 28h Glued laminated timber: GL 30c Glued laminated timber: GL 30h
LASI -Larch (Larix sibirica)	Glued laminated timber: GL 24c Glued laminated timber: GL 24h Glued laminated timber: GL 28c	Glued laminated timber: GL 28h Glued laminated timber: GL 30c Glued laminated timber: GL 30h
PSMN -Douglas Fir (Pseudotsuga menziesii)	Glued laminated timber: GL 24c Glued laminated timber: GL 24h	Glued laminated timber: GL 28h Glued laminated timber: GL 30h
PNSY -Pine (Pinus sylvestis)	Glued laminated timber: GL 24c Glued laminated timber: GL 24h Glued laminated timber: GL 28c	Glued laminated timber: GL 28h Glued laminated timber: GL 30c Glued laminated timber: GL 30h
Geometric Data		
For all types of products: Widths from 40 mm till 260 mm (brick bonded till 360 mm). Heights from 80 mm till 3.200 mm and lengths till 51 m The measurements will be displayed on the accompanying documents.		
Bonding strength		
Strength of finger joints and bonding strength of bonds between laminates	For all product types: See mechanical properties, strength of finger joints Delamination test according to EN 14080, Annex C, Method B.	
Reaction to fire as		
Reaction to fire class	For all product types: D-2s,d0 according to delegated regulation (EU) 2017/1227 of the commission from 20.02.2017	
Resistance to fire as		
Strength class and geometric data	See mechanical properties	
Emission of formaldehyde		
Formaldehyde emission class	For all product types: E1	
Release of other dangerous substances		
Release of other dangerous substances	For all product types: not defined (NPD)	

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Durability of bonding strength		
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Adhesive	For all product types: Adhesive for finger joints: MUF TYP I acc. to EN 301 I 90 FJ 0,1S Adhesive for surfacebonding: MUF TYP I acc. to EN 301 I 90 GP 0,3S	
Durability of other characteristics (i.e. resistance against biological attack)		
Laminations without preservative treatment	Durability against timber-destroying fungi according to 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