

Declaration of Conformity

NR. DOC-WH-8080PT 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-8080PT WIEHAG 0636-UKCA
2. Unique product identification code: Glulam according to EN 14080:2013
with preservative treatment
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

Declaration of Conformity

NR. DOC-WH-8080PT WIEHAG 0636-UKCA

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)	

Declaration of Conformity

NR. DOC-WH-8080PT WIEHAG 0636-UKCA

Durability of bonding 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
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)		
Type of treatment and means of protection	Surface treatment with wood preservative	
Depth of penetration	Surface treatment NP1 coat, wipe or roller	
Quantity of surface treatment	100g/m ² / 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