

Declaration of Conformity

NR. DOC-WH-8081PT 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-8081PT WIEHAG 0636-UKCA |
| 2. Unique product identification code: | Glulam with universal finger joints
according 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 28c |
| 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-8081PT WIEHAG 0636-UKCA

Essential characteristics	Performance
Mechanical properties covering the following: Modulus of elasticity, bending strength, compressive strength, tensile strength and shear strength as:	
Properties of timber and Strength of finger joints	PCAB - spruce/ ABAL - fir: (Picea abies / Abies alba) Glulam: GL 28 c
Flexural strength of universal finger joints	$f_m, I_{fj, k} = 18,5 \text{ Mpa}$
Utility class for universal finger joints	NK1, NK2
Geometric data	Width from 40 mm till 280 mm (block glued till 360 mm) Height from 80 mm till 3.200 mm and length till 51 m The measurements will be displayed on the accompanying documents.
Bonding strength	
Strength of finger joints and	According to the standards of EN 14080:2013
Bonding strength of bonds between laminates	Test for delaminating accordings to EN 14080:2013, appendix C Methode B
Durability of bonding strength	
Wood species	PCAB - spruce/ ABAL - fir: (Picea abies / Abies alba) Glulam: GL 28 c
Adhesive	Adhesive for finger joints: MUF TYP I according to EN 301 Adhesive for surface adhesion: MUF TYP I according to EN 301 Adhesive for universal finger joints: MUF TYP I according to EN 301

Declaration of Conformity

NR. DOC-WH-8081PT WIEHAG 0636-UKCA

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 ² / according to technical data sheet of the manufacturer
Target organism	P, B, Iv
Reaction to fire as	
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
Resistance to fire as	
Strength class and geometric data	characteristic density of the particular strength class and wood type PCAB – spruce/ ABAL - fir: (Picea abies / Abies alba) Glulam: GL 28 c
Emission of formaldehyde	
Formaldehyde emission class	For all product types: E1
Durability of other characteristics (i.e. resistance against biological attack)	
Release of other dangerous substances	For all product types: no performance determined (NPD)

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



Dr. Erich Wiesner, Management CEO