

Declaration of Performance

No. DOP-WH-3012 WIEHAG 0636

1. Unique identifier of the product type: **Composite components made of glued laminated timber as per EN 14080 : 2013**
2. Model, batch or serial numbers or any other code for identifying the building product in accordance with Article 11(4) Building Product Regulations (BauPVO) **The batch and pressed-part numbers can be taken from the component identification**
3. Intended purpose: **Buildings and bridges**
4. Manufacturer: **WIEHAG GmbH
Linzerstrasse 24
4950 Altheim
Austria**
5. Authorised representative: **No authorised representative**
6. System for evaluating and reviewing the constancy of the declared performance: **System 1**
- 7.a) Harmonised standard: **EN 14080:2013**
Notified body: **No. 1359 HOLZCERT AUSTRIA**
8. Declared performance:


Main properties	Performance
Mechanical properties as	
Module of elasticity	Spruce/fir: (picea abies/abies alba)
Bending strength	- GL 20 c and GL 20 h
Compressive strength	- GL 22 c and GL 22 h
Tensile strength	- GL 24 c and GL 24 h
Shear strength	- GL 26 c and GL 26 h
	- GL 28 c and GL 28 h
	- GL 30 c and GL 30 h
	- GL 32 c and GL 32 h
	Larch: (larix decidua)
	- GL 24 c and GL 24 h
	- GL 28 h and GL 28 h
	- GL 30 c and GL 30 h
	Douglas fir: (pseudotsuga menziesii)
	- GL 24 c and GL 24 h
	- GL 28 h
	- GL 30 h
	Scots pine: (pinus sylvestris)
	- GL 24 c and GL 24 h
	- GL 28 c and GL 28 h
	- GL 30 c and GL 30 h
	As per EN 14080:2013. The assignment of the supplied components to individual strength categories can be taken from the accompanying documentation.
Geometric data	Widths from 60 mm to 280 mm in individual cross-section or multiples thereof. Heights from 80 mm to 3,200 mm Lengths up to 50 m The respective product dimensions can be taken from the accompanying documentation.

Bonding strength as	
Bending strength of finger joints	According to the specifications in EN 14080:2013, table 2 and table 3
Adhesive joint integrity of the surface bonding	Delamination test as per EN 14080:2013, Appendix C, Method B
Adhesive strength of the block joint	Shear test as per EN 14080:2013, Appendix D / Delamination test as per EN 14080:2013, Appendix C, Method B
Durability of the bonding strength as	
Wood type, Adhesive	For all wood types <i>Adhesive for finger joints:</i> MUF TYPE I –B as per EN 301 <i>Adhesive for surface bonding:</i> MUF TYPE I –B as per EN 301 <i>Adhesive for block joints</i> MUF TYPE I –B as per EN 301 / PRF TYPE I –B as per EN 301
Resistance to biological infestation as	
Natural durability class against wood-destroying fungi	Natural resistance to fungal infestation: Spruce, fir: Durability class as per EN 350-2 Larch, Douglas fir, Scots pine Durability class as per EN 350-2
Fire resistance as	
Geometric data	see "Geometric data"
Combustion rate as	
• characteristic density	Characteristic bulk density of the respective strength category and wood types
• Wood type	All wood types
Fire performance as	
Fire performance class	D-s2, d0 as per EN 14080:2013, table 11
Emission of formaldehyde as	
Formaldehyde emission class	Formaldehyde emission class E 1 as per EN 14080:2013
Release of other hazardous substances	
Release of other hazardous substances	not applicable

The performance of the product specified above complies with the declared performances. The aforementioned manufacturer is solely responsible for preparation of the declaration of performance in accordance with Regulation (EU) No 305/2011.

Signed on behalf of the manufacturer:

Altheim 01/08/2015

WIEHAG

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