Declaration of Performance

Nr. DOP-WH-3020 WIEHAG 0636

1. Unique Identification Code of the product type: **Glued laminated timber ACC. 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: None

6. System for evaluating and reviewing the constancy of the declared performance:
System 1

7.a) Harmonised standard: **EN 14080:2013**
7.b) Notified body: **No. 1359 HOLZCERT AUSTRIA**
8. Declared performance:

Main properties	Performance
Mechanical properties as	
Module of elasticity Bending strength Compressive strength Tensile strength Shear strength	Spruce/fir: (picea abies / abies alba) - GL 20 c and GL 20 h - GL 22 c and GL 22 h - GL 24 c and GL 24 h - 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 c 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 he supplied components to individual strength categories can be taken from the accompanying documentation and component marking.

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Geometric data	Widths from 40 mm to 280 mm (brick bonded glulam up to 360 mm) Heights from 80 mm to 3.200 mm Lengths up to 50 m The respective product dimensions can be taken from the accompanying documentation and component marking.	
Bonding strength as		
Bending strength of finger joints Adhesive joint integrity of the surface bonding	According to the specifications in EN 14080:2013, table 2 and table 3 Delamination test as per EN 14080:2013, Appendix C, Method B	
Durability of the bonding strength as		
Wood type, Adhesive	For all wood types *Adhesive for finger joints*: MUF TYP I as per EN 301 *Adhesive for surface bonding*: MUF TYP I as per EN 301	
Resistance to biological infestation as		
Natural durability class against wood-destroying fungi	PCAB – Spruce /ABAL – Fir: LADC - Larch: PSMN – Douglas: PNSY – Scots pine:	Durability class as per EN 350-2
Fire resistance as		
Geometric data Combustion rate as • characteristic density Wood type	see „Geometric data“ Characteristic bulk density of the respective strength category and wood types All wood types	
Fire performance as		
Fire performance class	D-s2, d0 as per EN 14080:2013:2013, table 11	
Emission of formaldehyde as		
Formaldehydeemission 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 am 01.06.2017

DI Alfons Brunauer Technische Geschäftsführung