1. Unique identification code of the product type: **Laminated timber**
2. Type or batch identification: **The identification of the construction product (bar code, number) can be found in the component markings.**
3. Intended use/s: **Buildings and bridges**
4. Manufacturer: **Rubner Holzbau GmbH, Rennersdorf 62, 3200 Ober-Grafendorf, Austria**
5. Authorised representative: **None**
6. System of AVCP: **System 1**
7. Harmonised standard: **EN 14080:2013**
8. Notified body: **CATG, No. 1245**
9. The performance of the product identified in points 1 and 2 is in conformity with the set of declared performance/s in point 10. This declaration of conformity is issued under the sole responsibility of the manufacturer identified in point 4 above.
10. Declared performance/s:

Essential characteristics	**Performances**
Mechanical characteristics and resistance to fire expressed as:	

Elasticity modulus
Bending strength
Compressive strength
Tensile strength
Shear strength
	- Spruce / fir:
	  - GL 22h
	  - GL 24h und GL 24c
	  - GL 26h und GL 26c
	  - GL 28h und GL 28c
	  - GL 30h und GL 30c
	  - GL 32h und GL 32c
	- Larch:
	  - GL 24h
	  - GL 26c
	  - GL 28h und GL 28c
	- Pine:
	  - GL 24h

The strength category can be found in the component markings.	

Geometrical data	- Spruce / fir:
	  - Width ranging from 80 to 280 mm
	  - Height ranging from 100 to 2500 mm
	  - Length up to 50 m
	- Larch / pine:
	  - Width ranging from 80 to 260 mm
	  - Height / length see data for spruce / fir above

Component dimensions can be found in the component markings.	

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Declaration of Conformity

No. DOC - RHO - 1000

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Essential characteristics	**Performances**
Bonding strength expressed as:	

Bending strength of finger joints	- Spruce / fir:
	  - T13 $f_{m,j,k}$ = 27,0 N/mm²
	  - T14 $f_{m,j,k}$ = 26,0 N/mm²
	  - T14,5 $f_{m,j,k}$ = 29,0 N/mm²
	  - T21 $f_{m,j,k}$ = 36,0 N/mm²
	  - T22 $f_{m,j,k}$ = 40,0 N/mm²
	  - T26 $f_{m,j,k}$ = 45,0 N/mm²
	- Larch:
	  - T15 $f_{m,j,k}$ = 29,0 N/mm²
	  - T22 $f_{m,j,k}$ = 36,0 N/mm²
	- Pine:
	  - T14 $f_{m,j,k}$ = 29,0 N/mm²

Bonding strength of adhesion joints between lamellae	Delamination test, procedure B
Durability of bonding strength expressed as:	
Type of wood	- Spruce (Picea abies (L.) Karst., PCAB) - Fir (Abies alba Mill., ABAL) - Larch (Larix decidua Mill., LADC) - Pine (Pinus sylvestris L., PNSY)

Adhesive	- Finger joints:
	  - MUF, Typ I-90-FJ-0.1-S w
	- Adhesion joints between lamellae:
	  - MUF, Typ I-90-GP-0.3-S w

Durability of resistance against biological infestation expressed as:	
Class of natural resistance against wood-destroying fungi	Pursuant to EN 350-2
Reaction to fire performance expressed as:	
Class	D-s2, d0 pursuant to EN 14080:2013, table 11
Formaldehyde emission expressed as:	
Class	E1 pursuant to EN 14080:2013, Annex A

Signed for and on behalf of the manufacturer by:

Gerald Schönthaler
Managing Director Sales, Technical and Production

Ober-Grafendorf, 02/12/2022

(Signature)

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