

# Declaration of Performance

Dop No. HHW-30-02

**HÖRDENER  
HOLZWERK**



Hördener Holzwerk  
Landstr.25  
76571 Gaggenau  
Germany

1	Unique identification code of the product-type	Glued laminated timber made of spruce
2	Use of the construction product	Buildings and bridges
3	Manufacturer	Hördener Holzwerk Landstr.25 76571 Gaggenau Germany
4	System of assessment and verification of constancy of performance	System 1
5	Harmonised standard	EN 14080:2013
6	Notified body	MPA Stuttgart, NB 0672

7 Declared performance	
Essential characteristics	Performance
Mechanical characteristics	
Properties of wood	Wood sorted by strength according to EN 14081-1
Bending strength	Classification based on slat properties according to EN 338; classification of strength class according to Table 4 or 5 EN 14080
Compressive strength	
Tensile strength	
Shear strength	
Module of elasticity	GL 24h, GL 28c, GL 28h
Adhesion	
Strength of finger-joints	
Fire resistance	
Geometric data	Widths of 100 to 200 mm, Heights of 100 to 440 mm
Adhesion	
Finger-joints	GL 24h, GL 28c, GL 28h
Adhesive joints integrity of surface bonding	Delamination test according to EN 14080, App. C, Procedure B
Reaction of fire	D-s2, d0 in accordance with EN 14080
Formaldehyde emission class	E 1
Release of other hazardous substances	NPD
Durability of adhesive strength	
Type of wood	Picea abies/ Spruce
Adhesives for finger joints	MUF, EN 301-I-90-FJ-0,1-S
Adhesive for surface bonding	PUR, EN 15425-I-70-GP-0,3
Resistance against infestation by biological organisms	
Slats without protective agent treatment	Durability class 4 in accordance with EN 350-2
Slats with protective agent treatment	NPD

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

Signed for and on behalf of the manufacturer by

**Dominik Strobel, CEO**

Name and position

**Gaggenau, 17.07.2018**

Place and data of issue

Signature