

# Declaration of Performance

Dop No. HHW-40-02

**HÖRDENER  
HOLZWERK**



Hördener Holzwerk  
Landstr.25  
76571 Gaggenau  
Germany

1	Unique identification code of the product-type	Laminated beams made of spruce and pine (DUO/ TRIO)
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
	Bending strength	
	Compressive strength	
	Tensile strength	Mechanical characteristics of strength class C24 (C30) according to EN 338
	Shear strength	
	Module of elasticity	
	Fire resistance	
	Geometric data	Widths of 80 to 280 mm, Heights of 60 to 240 mm
	Adhesion	
	Finger-joints	24 N/mm <sup>2</sup> (30 N/mm <sup>2</sup> )
	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 adhesion	
	Type of wood	Picea abies/ Spruce
	Adhesive type of finger-joints	MUF, EN 301-I-90-FJ-0,1-S
	Adhesive type of surface bonding	PUR, EN 15425-I-70-GP-0,3
	Resistance against infestation by biological organisms	
	Slats without protective agent treatment	Durability class 4-5 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