

# Declaration of Performance

No. HHW - 10

**HÖRDENER  
HOLZWERK**



Hördener Holzwerk  
Landstr.25  
76571 Gaggenau  
Germany

|  |  |
|--|--|
| <b>1</b> Unique identification code of the product-type                    | Strength graded structural timber with rectangular cross-section       |
| <b>2</b> Date of production  | The date of production can be taken from identification of the product |
| <b>3</b> Use of the construction product                                   | Buildings and bridges  |
| <b>4</b> Manufacturer  | Hördener Holzwerk<br>Landstr.25<br>76571 Gaggenau<br>Germany           |
| <b>5</b> Authorised representative   | No authorised representative   |
| <b>6</b> System of assessment and verification of constancy of performance | System 2+  |
| <b>7</b> Harmonised standard   | EN 14081:2011  |
| Notified body  | MPA Stuttgart  |

|                               |   |
|-------------------------------|---|
| <b>8</b> Declared performance | <b>Performance</b>  |
| Essential characteristics     |   |
| Module of elasticity          | C18, C24 and C30 in accordance with EN 338                                      |
| Bending strength              | graded to DIN 4074-1 and allocated to strength class in accordance with EN 1912 |
| Compressive strength          | The respective product dimensions can be found in the accompanying documents.   |
| Tensile strength              | Widths of 50 mm to 240 mm   |
| Shear strength                | Heights of 25 mm to 120 mm  |
| Geometric data                | Lengths up to 7,50 m  |
| Natural durability            | Durability class 4 in accordance with EN 350-2                                  |
| Reaction of fire              | D-s2, d0 in accordance with EN 14081, Appendix C                                |
|                               |   |
|                               |   |

Signed for and on behalf of the manufacturer by:

Dominik Strobel, CEO

Gaggenau, 18.08.2015

Place and data of issue

Signature