



storaenso

# Declaration of Performance

No. KVH/2017/00



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|--|--|
| 1. Unique identification code of the product type:                         | <b>Finger-jointed solid timber for carrying purposes</b>                       |
| 2. Usage:  | Buildings and bridges  |
| 3. Manufacturer:   | <b>Stora Enso WP HV s.r.o.</b><br>Nádražní 66<br>CZ-58263 Ždírec nad Doubravou |
| 4. Representative:   | No external representative   |
| 5. System for evaluation and inspection of the reliability of performance: | <b>System 1</b>  |
| 6. Harmonised standard:  | <b>EN 15497:2014</b>   |
| Notified position:   | Holzforschung Austria  |
| Year first brought onto the market:  | 2015   |
| Certificate number:  | 1359 – CPR - 0665  |

7 Declared performances:

| Essential properties   | Performance  |
|--|--|
| Elasticity module, bending strength, pressure strength<br>Tensile strength, shear strength | Finger-jointed solid timber: Mechanical properties of the strength classes <b>C 24</b> acc. standard EN 338<br>The assignment of delivered components to the individual strength classes may be obtained from the accompanying papers. |
| Geometrical data   | Max dimension 140 x 240 mm<br>The respective product dimensions may be obtained from the delivery note.  |
| Types of wood  | PCAB (spruce); ABAL (pine)   |
| Fire behaviour   | D-s2, d02 according to EN 14081-1, table C1  |
| Gross density  | Characteristic gross densities of the respective strength class  |
| <b>Bonding strength</b>  |  |
| Bending strength of the finger joint   | Inspection of the bending strength of the finger joints according to EN 15497:2014 annex C / 24 Nmm <sup>2</sup>   |
| <b>Durability of the bonding strength as</b>   |  |
| Adhesive   | Adhesive for finger joints: EPI Typ 1 70 FJ 0,1 M  |
| <b>Durability to biological infestation as</b>   |  |
| Natural durability class against wood destroying fungi EN 350-2                            | 5  |
| <b>Emissions of formaldehyde</b>   |  |
| Formaldehyde emissions class   | E 1  |
| <b>Release of other hazardous substances</b>   |  |
| Release of other hazardous substances  | NPD  |

The performance of the product above complies with the declared performances. For the production of the declaration of performance in compliance with the regulation (EU) No. 305/2011, only the abovementioned manufacturer is responsible.

Ždírec nad Doubravou, 12. August 2017

František Vomočil, Managing Director

Name and Grade of responsible official

**Stora Enso WP HV s.r.o.**  
582 63 Ždírec nad Doubravou, Nádražní 66

Company stamp, Signature