



## Declaration of performance

Solid wood / SH / 02

1. Unique identification code of the product type:

**Strength graded structural timber with rectangular cross-section made of spruce, fir, pine, larch or combination of these wood species.**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11 paragraph 4:

**The production allocation can be taken from the delivery note.**

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

**Buildings and bridges**

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 paragraph 5:

**Schilliger Holz AG  
Haltikon 33  
6403 Küssnacht am Rigi  
Schweiz**

5. Where applicable name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 paragraph 2:

**No authorised representative**

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

**System 2+**

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**The notified body [Holzforschung Austria – Nr. 1359] – has carried out a works initial inspection and the in-works production control in addition to continuous monitoring, assessment and evaluation of the in-works production control, and has issued confirmation of conformity with EU conformity certificate no. 1359-CPD-0126.**

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment: has been issued:

**Not applicable**



## 9. Declared performance:

Essential characteristics	Performance	Harmonised technical specification
<b>Module of elasticity (mean value)</b>	C 18 (fir and larch as well as combination of the wood species which are specified in point 1; C16), C24 and C30 in accordance with EN 338 graded to DIN 4074-1:2008 and allocated to strength class in accordance with EN 1912  Allocation of the supplied timber to strength classes can be taken from the accompanying documents.  The respective product dimensions can be taken from the accompanying documents.	EN 14081:2011
<b>Bending strength</b>		
<b>Compressive strength</b>		
<b>Tensile strength</b>		
<b>Shear strength</b>		
<b>Natural durability</b>	Natural durability against fungal infestation: Spruce / fir: Durability class 4 in acc. w. EN 350-2 Pine / larch: Durability class 3-4 in acc. w. EN 350-2	
<b>Reaction fo fire</b>	D-s2, d0 in acc. w. EN 14081, Appendix C	
<b>Protective treatment against biological attack</b>	NPD	

10. The performance of the product identified in points 1 and 2 complies is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Ernest Schilliger, member of the management

Küssnacht am Rigi, 15.07.2013