

PERFORMANCE ASSESSMENT PROTOCOL 1393-CPR-1147

In compliance with Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011 (the Construction Products Regulation or CPR), this protocol applies to the construction product:

produced by or for:

Pechar s.r.o.
Na Přesypu 292/6
182 00 Praha 8
Czech Republic

and produced in the factory:

Pechar s.r.o.
Náchodská 23
193 00 Praha 9

SOLID WOOD PANELLING AND CLADDING – SOLID SOFTWOOD MACHINED PROFILES WITH TONGUE AND GROOVE OR/AND WITHOUT TONGUE AND GROOVE

This protocol attests that all provisions concerning the assessment and verification of constancy of performance and the performances described in Annex ZA of the standard

EN 14915:2013

under system 3 are applied and that the product fulfils all the prescribed requirements set out above.

This protocol was first issued on 14 August 2018 and remains valid as long the test methods and/or factory production control requirements included in the harmonized standard, used to assess the performance of the declared characteristics, do not change, and the product, and the manufacturing conditions in the plant are not modified significantly, and latest on 20 January 2025.

The protocol must not be copied in another form than as a whole. If only a part is to be used, a written consent of the authorized person who issued this protocol is required. Original copies have relief stamp.

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Head of Notified Body No. 1393

1. THE HARMONIZED TECHNICAL STANDARD, THE FOREIGN TECHNICAL STANDARD TAKING OVER IN THE EU MEMBER STATES THE HARMONIZED EUROPEAN STANDARD, THE EUROPEAN TECHNICAL APPROVAL OR DESIGNATED STANDARD

ČSN EN 14915 Solid wood paneling and cladding - Characteristics, evaluation of conformity and marking

2. INFORMATION ABOUT THE PRODUCT

Solid wood panelling and cladding – solid softwood machined profiles with tongue and groove or/and without tongue and groove for interior and exterior use. Evaluation includes western red cedar, thermowood pine, thermowood spruce, siberian larch, European larch and Canadian douglas fir.

3. TECHNICAL DOCUMENTS

- ČSN EN 14519 Solid softwood panelling and cladding – machined profiles with tongue and groove
- ČSN EN 15146 Solid softwood panelling and cladding - Machined profiles without tongue and groove

4. RESULTS OF EXAMINATIONS AND THEIR EVALUATION

Results of examinations are part of the Test report MVZ-A-2022-002076 from 6.1.2022 issued by Material and product testing department, Testing laboratory No. 1031 accredited by ČIA.

The following charts illustrate the evaluation of examination results:

Essential characteristics

| Assessed property | Classification or test method | Requirement | Result or classification ¹ | Evaluation |
|-------------------------------|-------------------------------|--|---|--|
| Moisture content | ČSN EN 13183-1 | ext. 17 ± 2 % int. 12 ± 2 % | 13,8 % | Fulfil* |
| Thickness – permit. deviation | ČSN EN 13647 | $\pm 0,5$ mm | 0,2 mm | Fulfil |
| Width – permit. deviation | ČSN EN 13647 | $\pm 1,0$ mm | 0,1 mm | Fulfil |
| Reaction to fire | ČSN EN 13501-1 | - | D-s2, d0 | Solid softwood profiles with groove and tongue, thickness 21 mm, without surface finish. |
| Release of formaldehyde | ČSN EN 717-1 | $\leq 0,124$ mg/m ³ | $\leq 0,124$ mg/m³ | Fulfil – Solid wood as such has no formaldehyde release of significance. |

¹ Note: In assessing the test result, the measurement uncertainty which is given together with the test result in the relevant test report, has been taken into account. In cases where the resulting value met the required limit but exceeded this limit after taking into account the measurement uncertainty, the result was evaluated as "fulfil".

* The humidity requirement does not apply to thermowood, whose equilibrium humidity is in the range of 5-7 %.

| | | | | |
|-------------------------------|--------------|---------|---------|--|
| Emission of pentachlorophenol | CEN/TR 14823 | ≤ 5 ppm | ≤ 5 ppm | Fulfil – producer declares he does not use any pentachlorophenol containing materials. |
|-------------------------------|--------------|---------|---------|--|

Declared characteristics

| Assessed property | Classification or test method | Requirement | Result or classification | Evaluation |
|---------------------------|--------------------------------------|-------------|--------------------------|--|
| Water vapour permeability | ČSN EN ISO 10456 ČSN EN ISO 12572 | - | - | Without declaration - NPD Where a water vapour permeability value is declared, it shall be determined according to ČSN EN ISO 12572 or given by using tabulated values taken from ČSN EN ISO 10456. |
| Sound absorption | ČSN EN ISO 354 ČSN EN ISO 11654 | - | - | Without declaration - NPD Where a sound absorption value is declared, it shall be determined according to ČSN EN ISO 354 and ČSN EN ISO 11654 or given by using tabulated values taken from table. 3 of ČSN EN 14915. |
| Thermal conductivity | ČSN EN ISO 10456 ČSN EN 12664 | - | - | Without declaration - NPD Where a thermal conductivity value is declared, it shall be determined according to ČSN EN 12664 or given by using tabulated values taken from ČSN EN ISO 10456. |
| Biological durability | ČSN EN 335-1 ČSN EN 335-2 | Class 1 | Class 1 | Without declaration – NPD Where a wood component is inaccessible or where the consequences of its failure are serious, it may be more appropriate to consider a more durable timber or a more intensive preservative treatment. |

5. CONCLUSION

The product „ SOLID WOOD PANELLING AND CLADDING – SOLID SOFTWOOD MACHINED PROFILES WITH TONGUE AND GROOVE OR/AND WITHOUT TONGUE AND GROOVE” complies with the requirements set by the harmonized standard ČSN EN 14915.

Elaborated by: Ing. Ludmila Kotenová