

# DECLARATION OF PERFORMANCE

No. 007CPRSB.HLS

1. Unique identification code of the product-type: **Impregnated softboard SB.HLS**

**VINDISO<sup>®</sup>, TUULILEIJONA<sup>®</sup> PRO, HUNTONIT VINDTETT**

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): **is provided on the packaging.**
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification:

**EN 13171:2012. Thermal insulation products for buildings – Factory made wood fibre (WF) products - Specification**

**EN 13986:2004. Wood-based panels for use in construction – Characteristics, evaluation of conformity and marking**

**Softboard for internal use as a load-bearing boards for use in humid conditions for instantaneous or short-term load duration only, technical class SB.HLS (EN 622-4).**

4. Name and contact address of the manufacturer as required pursuant to Article 11(5):

**Skano Fibreboard OÜ  
Rääma 31, 80044 Pärnu  
Tel. + 372 445 1800**

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): **contact the manufacturer.**

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

**System 3.**

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

**not applicable.**

8. ETA: **not applicable.**

9. Declared performance

Essential characteristics	Performance	Test Method
Nominal thickness	12 mm	
Thermal conductivity	$\leq 0,049 \text{ W}/(\text{m} \cdot \text{K})$	EN 12667
Reaction of fire	Class E	EN 13501-1
Air permeability - material	$\leq 8,3 \times 10^{-6} \text{ m}^3/\text{m}^2\text{sPa}$	EN 12114
Air permeability - construction	$\leq 0,05 \text{ m}^3/\text{m}^2\text{hPa}$	EN 12114
Bending strength	$\geq 1,6 \text{ N}/\text{mm}^2$	EN 310
E-modulus bending	$\geq 200 \text{ N}/\text{mm}^2$	EN 310
Swelling in thickness 2h	$\leq 6 \%$	EN 317
Internal bond (Tensile strenght)	$\geq 0.02 \text{ N}/\text{mm}^2$	EN 319
Release of formaldehyde	Class E1	EN 13986
Water-vapour resistance $S_d$ value (equivalent air-layer thickness)	$\leq 0,18 \text{ m}$	EN 12572
Resistance to tearing - longitudinal - transversal	450 N 412 N	EN 12310-1 EN 13859-2
Moisture movement 30-90% RH Change in length	$< 0,20 \%$	EN 318
Water-tightness Tight at 200mm water column for 2 hours	Tight W1	EN 1928 EN 13859-1
Durability – weather resistance plus heat aging - water tightness - tensile strength	Acceptable change from fresh to aged material	EN 13859-1 EN 1928 EN 12311-1
Durability – moisture resistance – thickness swelling - lateral tensile strength - bending strenght	Acceptable change from fresh to aged material	EN 3211

Racking resistance $F_{max}$ in main surface (area 2,4 x 1,2 m, vertical load 12 kN/m) - fixed by staples - fixed by roofing nails	7,94 kN (staples) 477 N/mm 8,92 kN (roofing nails) 481 N/mm	EN 594 Annex A
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10. The performance of the product identified in points 1 and 2 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:




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Toomas Liidemaa,  
Production Director  
Pärnu, 12.04.2018