

DECLARATION OF PERFORMANCE

No. 01.26.12.25

1. Unique identification code of the product-type:

**Wind Barrier Board
Impregnated softboard SB.H**

2. Type, batch or serial number or any other element allowing identification of the construction product:

Product and batch identification is provided on the packaging.

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

Thermal insulation for buildings.

EN 13171:2012+A1:2015. Thermal insulation products for buildings — Factory made wood fibre (WF) products — Specification.

EN 13986:2004+A1:2015. Wood-based panels for use in construction — Characteristics, evaluation of conformity and marking.

Softboard for internal use as a non-structural component in humid conditions, technical class SB.H (EN 622-4).

4. Name, registered trade name or registered trademark and contact address of the manufacturer:

Nordic Fibreboard Ltd OÜ
Rääma 31, 80044 Pärnu, Estonia
Tel. +372 445 1800

5. Name and contact address of the authorised representative (where applicable):

Not applicable.

6. System or systems of assessment and verification of constancy of performance of the construction product:

System 3

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

This declaration of performance concerns a construction product covered by the harmonized standards EN 13171:2012+A1:2015 and EN 13986:2004+A1:2015.

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			Harmonized technical specification
	Property / unit	12 mm	25 mm	
Thermal resistance	Thermal resistance RD ($\text{m}^2 \cdot \text{K/W}$)	0,2575	0,4863	EN 13171:2012+A1:2015
	Thermal conductivity λ D ($\text{W}/(\text{m} \cdot \text{K})$)	0,0481	0,0514	EN 13171:2012+A1:2015
	Thickness (mm)	12	25	EN 13171:2012+A1:2015
Reaction to fire	Euroclass	E	E	EN 13171:2012+A1:2015; EN 13986:2004+A1:2015
Bending strength	Bending strength (N/mm^2)	$\geq 1,2$	$\geq 0,8$	EN 13986:2004+A1:2015
Internal bond	Internal bond (IB)	NPD	NPD	
Thickness swelling	TS (%)	7	7	
Moisture resistance	N/mm^2	NPD	NPD	
Biological durability	Class	NPD	NPD	
Durability of reaction to fire against heat, weathering, ageing/degradation	Durability characteristics	NPD	NPD	EN 13171:2012+A1:2015
Durability of thermal resistance against heat, weathering, ageing/degradation	Thermal resistance RD ($\text{m}^2 \cdot \text{K/W}$)	0,2575	0,4863	EN 13171:2012+A1:2015
	Thermal conductivity λ D ($\text{W}/(\text{m} \cdot \text{K})$)	0,0481	0,0514	
	Durability characteristics	NPD	NPD	
	Dimensional stability (DS)	NPD	NPD	
Compressive strength	Compressive stress or compressive strength (kPa)	280	221	
	Point load	NPD	NPD	
Tensile/Flexural strength	Tensile strength perpendicular to faces TR (kPa)	NPD	NPD	
	Tensile strength parallel to faces	NPD	NPD	
Durability of compressive strength against ageing/degradation	Compressive creep	NPD	NPD	
Water permeability	Short-term water absorption WS (kg/m^2)	Top: 2,27 Bottom: 0,79	Top: 1,93 Bottom: 0,79	
Air permeability	Air permeability ($\text{m}^3/(\text{m}^2 \cdot \text{s} \cdot \text{Pa})$)	$3,1 \cdot 10^{-5}$	$1,7 \cdot 10^{-5}$	EN 13986:2004+A1:2015
Water vapour permeability	Water vapour resistance factor (μ)	wet cup $\mu=2$; dry cup $\mu=5$		EN 13171:2012+A1:2015; EN 13986:2004+A1:2015
Acoustic absorption	Noise absorption class:	D	D	EN 13171:2012+A1:2015; EN 13986:2004+A1:2015
Release of formaldehyde	Formaldehyde class	E1	E1	EN 13986:2004+A1:2015

Essential characteristics	Performance			Harmonized technical specification
	Property / unit	12 mm	25 mm	
Release (content) of pentachlorophenol (PCP)	PCP content	NPD	NPD	EN 13986:2004+A1:2015
Release of dangerous substances to the indoor environment	—	NPD	NPD	EN 13171:2012+A1:2015
Continuous glowing combustion	—	NPD	NPD	EN 13171:2012+A1:2015
NPD — No Performance Determined				

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:



Kristina Kivimeister, Production Director
Pärnu, 21.07.2026