



## DECLARATION OF PERFORMANCE

No. 004CPRWF

1. Unique identification code of the product-type: **WF Isomodul**
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**

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  
Fax + 372 445 1810**

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

<b>Title</b>	<b>Essential characteristics</b>	<b>Performance</b>	<b>Harmonised technical specification</b>
Reaction to fire	4.2.6 Reaction to fire	Euroclass E	EN 13171 : 2012
Release of dangerous substances to the indoor environment	4.3.15 Release of dangerous substances	NPD	
Acoustic absorption index	4.3.12 Sound absorption	$a_w \geq 0,45$	
Direct airborne sound insulation index	4.3.13 Air flow resistivity	AF <sub>r</sub> 100	
Thermal resistance	4.2.1 Thermal resistance and thermal conductivity	$R_D = 0,95 \text{ m}^2 \cdot \text{K/W}$ $\lambda_D = 0,049 \text{ W}/(\text{m} \cdot \text{K})$	
	4.2.3 Thickness	$d_N = 50 \text{ mm}$	
Water permeability	4.3.8 Water absorption	WS2,0	
Water vapour permeability	4.3.9 Water vapour transmission	MU5	
Compressive strength	4.3.3 Compressive stress or compressive strength	NPD	
	4.3.6 Point load	NPD	
Durability of reaction to fire against heat, weathering, ageing/degradation	4.2.7 Durability characteristics <sup>a, b</sup>	Euroclass E	
Durability of thermal resistance against heat, weathering, ageing/degradation	4.2.1 Thermal resistance and thermal conductivity <sup>c</sup>	NPD	
	4.3.2.2 Dimensional stability under specified temperature <sup>d</sup>	DS(70,-)3	
Tensile / Flexural strength	4.3.5 Tensile strength parallel to faces <sup>e</sup>	$\geq 600 \text{ kPa}$	
Durability of compressive strength against ageing/degradation	4.3.7 Compressive creep	CC(8,6/6,7/10)70	

- a) No change in Reaction of fire properties for wood fibre products.
- b) The fire performance of wood fibre products does not deteriorate with time. The Euroclass classification of the product is related to the organic content, which cannot increase with time.
- c) Thermal conductivity of wood fibre products does not change with time, experience has shown the fibre structure to be stable and the porosity contains no other gases than atmospheric air.
- d) For thickness only.
- e) This characteristic also covers handling and installation.

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 Liidema,  
Production Director  
Pärnu, 31.01.2014