

DECLARATION OF PERFORMANCE
No. FF2CPRHB.H

1. Unique identification code of the product-type:

**Lion Oil Tempered
Lion HD Panel Board**

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

**Lionboard Oiltempered
Lion-Farm Board**

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

General purpose board for use in humid conditions

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

**Finnish Fibreboard Ltd
PO Box 4
FI-18101 Heinola
Tel. + 358 20 110 3300
Fax + 358 20 110 3307**

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

Not applicable

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

AVPC – class 4

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

Not applicable



SUOMEN KUITULEVY OY
FINNISH FIBREBOARD LTD.

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

Property	unit	Thickness mm			
		≥ 3,0 to 3,5	> 3,5 to 5,5	> 5,5	
Bending strength	N/mm ²	35	32	30	EN 622-2
Internal bond	N/mm ²	0.60	0.60	0.30	
Moisture resistance	N/mm ²	0.30	0.30	0.25	
Swelling in thickness (24 h)	%	25	20	20	
Release of formaldehyde	class	E1	E1	E1	EN 13986:2004 + A1:2015
Reaction to fire, end use without an air gap behind the panel excl. floorings ¹	class	NPD	NPD	D-s2, d0	
Reaction to fire, end use without an air gap behind the panel, floorings ¹	class	NPD	NPD	D _n -s1	
Reaction to fire, end use with a closed air gap, excl. floorings ²	class	NPD	NPD	D-s2, d2	
Reaction to fire, end use condition any, floorings	class	Efl	Efl	Efl	
Reaction to fire, end use condition any	class	E	E	E	
Vapour resistance factor	wet cup μ	20	20	20	
Vapour resistance factor	dry cup μ	30	30	30	
Sound absorption	250-500 Hz	0.10	0.10	0.10	
Sound absorption	1000-2000 Hz	0.20	0.20	0.20	
Thermal conductivity	W/(m·K)	0.14	0.14	0.14	
Biological durability	class	2	2	2	

¹ Mounted without an air gap directly against class A1 or A2-s1, d0 products with minimum density 10 kg/m³ or at least class D-s2, d2 products with minimum density 400 kg/m³.

² Mounted with a closed air gap not more than 22 mm behind the wood-based panel. The reverse face of the cavity shall be at least A2-s1, d0 products with minimum density 10 kg/m³.

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:

Heinola, 28.6.2016


Kaija Ahonen, Production Manager
Finnish Fibreboard Ltd