

## Wood panelling

**Self-declaration that the named products comply with the requirements for wood panelling as per BREEAM-NOR's chapter HEA 9**

This form must be filled out by the **MANUFACTURER** of wood panelling.

Wood paneling applies to:

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- Plywood**
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It is important that the information given here is correct, and we strongly encourage thoroughness in researching the extent to which emission testing and/or test reports show that the product complies with the standards and emission limit values required by BREEAM-NOR. If in doubt, the manufacturer should consult own internal and external experts. **Incorrect and misleading information can have legal consequences.**

Once filled-out, the form must be signed by a legally responsible person from the manufacturer, e.g. a technical manager or a managing director.

<b>MANUFACTURER:</b>		Moelven Vänerply AB			
<b>PRODUCT TRADE NAME:</b>		Vänerply Byggplywood/ Vänerply K20/70 konstruktionsplywood			
<b>DOCUMENTATION</b>			<b>YES</b>	<b>NO</b>	<b>Comments</b>
<b>REQUIREMENTS</b>		<b>Relevant standards</b>			
1.a	The product can be classified as E1 as per test method EN 717-1:2004	EN 13986:2002 EN 717-1:2004	X		
1.b	The undersigned can confirm that materials that contain formaldehyde have not been added to the product during its production or post-production processing. These can be classified as E1 without testing.	See NS-EN 13986:2002 for detailed information.		X	
2.	The product has been tested to	NS-EN	X		

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	document that its TVOC emission is below <b>0,2 mg/m<sup>2</sup>h</b> <sup>1) 2)</sup>	15251:2007 (Appendix C)			
3.	The product has been tested to document that its formaldehyde emission is below <b>0,05 mg/m<sup>2</sup>h</b> <sup>1) 2)</sup>	NS-EN 15251:2007 (Appendix C)	X		
4.a	The product has been tested to document that ammonia emission is below <b>0,03 mg/m<sup>2</sup>h</b> <sup>1) 2)3)</sup>	NS-EN 15251:2007 (Appendix C)	X		
4.b	An emission test measuring the ammonia emission is not available, but the undersigned can confirm 1) That ammonia is not traceably active in the product, <u>AND</u> 2) The product does not contain chemicals that can decompose to ammonia.			X	
5.	The product has been tested to document that its emissions of cancer-causing compounds (IARC) are below <b>0,005 mg/m<sup>2</sup>h</b> <sup>1) 2)</sup>	NS-EN 15251:2007 (Appendix C)	X		
6.	The product has been tested to document that odour dissatisfaction is below 15%. Applies only if it is relevant for the product. <sup>1)</sup>	NS-EN 15251:2007 (Appendix C)	X		
7.	The tests in 2-6 have been performed acc. to the ISO 16000-series with measurements made after <b>28 days</b> .	ISO 16000	X		
8.	The undersigned can confirm the absence of regulated wood impregnation agents and the compliance to the minimum level requirements.	NS-EN 13986:2002	X		

- <sup>1)</sup> When assessing different types of emission certificates against the requirements in NS-EN 15251, you can find help on <http://www.breeam.org/page.jsp?id=27>.
- <sup>2)</sup> Please note that the emissions here are measured in mg/m<sup>2</sup>h. Most emission certificates use the unit mg/m<sup>3</sup>. It is possible to convert these units in order to compare the results. A laboratory of your choice can assist you.
- <sup>3)</sup> Note that M1 is the only known emission mark classification which includes measurement of ammonia emissions.

Legally responsible: Tjalling Chaudron

Position: R&D

Date: 2018-11-06

Signature: 