

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.

MANUFACTURER:		Moelven Vänerply AB			
PRODUCT TRADE NAME:		Vänerply Byggplywood/ Vänerply K20/70 konstruktionsplywood			
DOCUMENTATION			YES	NO	Comments
REQUIREMENTS		Relevant standards			
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 0,2 mg/m²h ^{1) 2)}	15251:2007 (Appendix C)			
3.	The product has been tested to document that its formaldehyde emission is below 0,05 mg/m²h ^{1) 2)}	NS-EN 15251:2007 (Appendix C)	X		
4.a	The product has been tested to document that ammonia emission is below 0,03 mg/m²h ^{1) 2)3)}	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 0,005 mg/m²h ^{1) 2)}	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. ¹⁾	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 28 days .	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		

- ¹⁾ 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>.
- ²⁾ Please note that the emissions here are measured in mg/m²h. Most emission certificates use the unit mg/m³. It is possible to convert these units in order to compare the results. A laboratory of your choice can assist you.
- ³⁾ 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: 