

Template for projects registered after 14.03.2012

Building Boards

Self-declaration that the building boards identified below meet the minimum pollutant requirements in BREEAM-NORs New measure checklist A20

This form must be filled out and signed by a legally responsible person for the building boards manufacturer, such as a technical director or a managing director. Chemicals to be avoided should not be present in the product in unbound, bound or natural form. Concentrations under the threshold value of 0.1% are accepted. It is assumed that the information in the A20 list is known. **Providing incorrect information can have legal consequences.**

MANUFACTURER:	MOSO International BV	
PRODUCT TRADE NAME:	Flexbamboo	
PRODUCT ID: Add the product ID to the list to the right or send it to: Document@cobuilder.no	Download a new product list template	
Chemicals which are to be avoided¹⁾:	Does the product contain the chemicals? (No/Yes)	
Arsenic	NO	
Lead	NO	
Brominated flame retardants (HBCD, TBBPA)	NO	
Phthalates (DEHP, DBP, BBP)	NO	
Chromium	NO	
Octyl-/ nonylphenols	NO	
Bisphenol A ²⁾	NO	

- 1) Note that the unwanted chemicals can be found under alternative designations. Find the complete checklist A20 in BREEAM NOR new measures version 1.1
- 2) Valid for polycarbonate building boards; all polycarbonates contain Bisphenol A.

Legally responsible: Rene Zaal

Position: Managing director

Date: 5 november 2015

Signature:

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WOOD PANELLING

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

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

Wood panelings include:

- Particle boards
- Fiberboards, including MDF
- OSB
- Cement-bonded particle boards
- Plywood
- Solid wood panels and acoustic boards

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. **Providing incorrect and misleading information can have legal consequences. Once filled-out, the form must be signed by a legally responsible person for the manufacturer, such as a technical director or a managing director.**

MANUFACTURER:		MOSO International BV			
PRODUCT TRADE NAME:		Flexbamboo			
PRODUCT ID: Add the product ID to the list to the right or send it to: Document@cobuilder.no		Download a product-list template			
DOCUMENTATION			YES	NO	Comments (e.g. «test not conducted», «does not meet requirement»)
REQUIREMENTS		Relevant standards			
1.a	The product can be classified as E1 in accordance with the EN 717-1:2004 test method.	EN 13986:2002 EN 717-1:2004	x		
1.b	The undersigned can confirm that no materials consisting formaldehyde have been added to the product during production or post-production. These can be classified as E1 without testing.	See NS-EN 13986:2002 for detailed information.		x	MUF glue has been used (<1.5%), but meets formaldehyde emissions criteria following EN 717 (test report available)

2.	The product has undergone an emission test which shows that its TVOC emission is below 0,2 mg/m²h ^{1) 2)}	NS-EN 15251:2007 (Tillegg C)		x	VOC tested following 16000-9 and EN 717-1 by Bremer Umwelt Institut meeting the requirements for stringent DiBt certification. Test report available on request.
3.	The product has undergone an emission test which shows that its formaldehyde emission is below 0,05 mg/m²h ^{1) 2)}	NS-EN 15251:2007 (Appendix C)		x	See 2
4.a	The product has undergone an emission test which shows that shows that its ammonia emission is below 0,03 mg/m²h ^{1) 2)}	NS-EN 15251:2007 (Appendix C)		x	See 2
4.b	The product has no emission test measuring the ammonia emissions, 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		No ammonia known to be in product nor mentioned in detailed list of VOCs characterized in VOC report mentioned under 2
5.	The product has undergone an emission test which shows that its emissions of cancer-causing compounds (IARC) are below 0,005 mg/m²h ^{1) 2)}	NS-EN 15251:2007 (Appendix C)		x	No IARC found in sum of IARC characterized in VOC report mentioned under 2
6.	The product has undergone an emission test which shows that odour dissatisfaction is below 15%. If deemed not applicable for the product, please provide more details in the comment field ¹⁾	NS-EN 15251:2007 (Appendix C)		x	Not tested
7.	The tests in 2-6 have been performed in acc. with the ISO 16000-series with measurements made after 28 days .	ISO 16000	x		
8.	The undersigned can confirm the absence of regulated impregnation agents and the compliance to the minimum level requirements.	NS-EN 13986:2002	x		

¹⁾ On www.ngbc.no under "Frequently asked questions" there is help in assessing different known emission certificates against the requirements in NS-EN 15251

²⁾ Note that the emissions here are measured in mg/m²h. Most emission certificates use mg/m³. There is a way to convert these units in order to compare the results. Your preferred laboratory can help you with this.

Legally responsible: Rene Zaal

Position: Managing director

Date: 05/11/2015

Signature:

