

Wall cladding

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

This form must be filled out by the **MANUFACTURER** of wall cladding.

Wall cladding includes:

- Ready made wallpapers
- Vinyl and plastic wall cladding
- Wallpaper which is to be decorated
- Wall cladding for heavy duty
- Textile cladding

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:		Mintec AB / Ahlström			
PRODUCT TRADE NAME:		Jotun Slettvegg Forgrunnet			
DOCUMENTATION			YES	NO	Comments
REQUIREMENTS		Relevant standards			
1.	The product has been tested to document that its TVOC emission is below 0,2 mg/m²h^{1) 2)}	NS-EN 15251:2007 (Appendix C)	X		
2.	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		
3.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	

The form is developed by NCC in cooperation with Skanska and NGBC. It is freely distributed via NGBC and Chemxchange. Users of the form are solely responsible for ensuring that the version and contents of the form are correct. NCC, Skanska, NGBC or Chemxchange cannot be held responsible for possible errors. Filled-out forms are not an official approval from NGBC or others.

3.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.				Not tested
4.	The product has been tested to document that its emissions of cancer-causing compounds (IARC) are below 0,005 <u>mg/m²h¹</u> 2)	NS-EN 15251:2007 (Appendix C)	X		
5.	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	
6.	The tests in 1-5 have been performed acc. to the ISO 16000-series with measurements made after 28 days.	ISO 16000	X		
7.	The emission of formaldehyde and VCM (Vinyl chloride monomer) has to be low and within the EN-standard for the material.	EN 233:1999 EN 234:1989 EN 259:2001 EN 266:1992 EN 12149:1997	X		
8.	Migration of heavy metals and other poisonous chemicals is within the EN-standard for the material.		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: Anne Margrete Nes

Position: Chemical Compliance Manager

Date: 27.01.17

Signature: *Anne Margrete Nes*