

**WALL  
COVERINGS**

Self-declaration that the named products comply with the requirements for wall coverings as per BREEAM-NOR's chapter HEA 02

This form must be filled out by the MANUFACTURER of wall coverings according to NS-EN 15102:2007. Decorative wall coverings include:

- Wallcoverings in roll form
- Wallcoverings in panel form

Approved emission certificates are M1<sup>1</sup>, EC 1<sup>2</sup> or SINTEF Technical Approval

**If the product has one of the approved emission certificates, it is not necessary to fill in this form.** Connect the emission certificate to the product in goBIM.

<sup>1</sup> Approved performance standard NS-EN 15251:2007, Annex C

<sup>2</sup> Approved performance standard GEV Emissioncode

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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 2016. 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:**

**PRODUCT TRADE NAME:**

**PRODUCT ID:**

The following is hereby confirmed by the manufacturer:

1. The product is in accordance with standard: NS-EN 15102:2007
2. The product has undergone an emission test<sup>3</sup> which shows that its emissions are below the values<sup>4</sup> shown in BREEAM-NOR 2016 "Table 15" according to the intended use of the product.

**Table 15:** Emission limits for all product categories – Conversion table

Emission	Wall		Floor/ceiling		Sealants	
	$\mu\text{g}/\text{m}^2\text{h}$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^2\text{h}$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^2\text{h}$	$\mu\text{g}/\text{m}^3$
TVOC 28d	200	417	200	160	4260	60
Formaldehyde 3d*	24	50	62.5	50	3550	50
Formaldehyde 28d*	50	104	50	40	710	10
Carcinogenic	5	10	5	4	71	1

<sup>3</sup>The emission test has been performed in accordance with the following approved standards ISO 16000-9 in combination with ISO 16000-6 (volatile organic compounds), ISO 16000-3 (formaldehyde). Testing and calculation shall be carried out according to EN 16516. Documentation (test in acc. with approved standard) can be requested if required.

<sup>4</sup>Show accordance with units  $\mu\text{g}/\text{m}^3$  or  $\mu\text{g}/\text{m}^2\text{h}$ .

\*Emission levels for 3 or 28 days can be used as a basis for documenting compliance.

**3.** The product<sup>5</sup> shows accordance<sup>6</sup> with upper limit values for migration of heavy metals, of VCM and of formaldehyde release:

- Vinyl chloride monomer (VCM): Pass (substance < 0,2 mg/kg).
- Formaldehyde level < Pass (substance < 120 mg/kg)
- Migration of heavy metals > "Table 2" (NS-EN 15102:2007)
- Antimony - no upper limit
- Arsenic 25 mg/kg
- Barium 500 mg/kg
- Cadmium 25 mg/kg
- Chromium 60 mg/kg
- Lead 90 mg/kg
- Mercury 20 mg/kg
- Selenium 165 mg/kg

<sup>5</sup>Approved performance standard is NS-EN 15251: 2007 Annex C, NS-EN 233:1999, Section 5.7 – Finished wall papers, NS-EN 233:1999, section 5.7 – Wall vinyls and plastic wall covering, NS-EN 234:1997, section 9.0 – Wall papers for subsequent decoration, NS-EN 259-1:2001, section 4.5–4.7 - Heavy duty wall coverings

<sup>6</sup> Carried out according to the following approved standards: NS-EN 12149:1998 – Wall coverings in roll form. Determination of migration of heavy metals and certain other elements, of vinyl chloride monomer and of formaldehyde release - Test A Heavy metals, Test B Vinyl chloride monomer, Test C Formaldehyde.

Legally responsible:

Position:

Date:

Signature: