

## 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 claddings acc. to NS-EN 15102:2007. Wall claddings include:

- Heavy duty wall covering
- Wall papers for subsequent decoration
- Wall vinyls and plastic wall covering
- Finished wall papers
- Wallcoverings in roll form

---

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>1</sup> which shows that its emissions are below the values<sup>2</sup> shown in table 15 «Floor/Ceiling» or approved emission certificates M1<sup>3</sup>, EC1<sup>4</sup> or SINTEF Technical approval.

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

Ref	Wall		Floor/ceiling		Sealants	
	µg/m <sup>2</sup> h	µg/m <sup>3</sup> h	µg/m <sup>2</sup> h	µg/m <sup>3</sup> h	µg/m <sup>2</sup> h	µg/m <sup>3</sup> h
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>1</sup>The emission test has been performed in accordance with the following approved standards ISO 16000-9, 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>2</sup>Show accordance with units µg/m<sup>3</sup> or µg/m<sup>2</sup>h.

<sup>3</sup>Approved performance standard NS-EN 15251:2007, Appendix C

<sup>4</sup>Approved performance standard GEV Emicode

**3. The product<sup>5</sup> shows accordance<sup>6</sup> with upper threshold 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 threshold
- 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, Appendix 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 – Wallcoverings 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 Vinylchloride monomer, Test C Formaldehyde.

Legally responsible:

Position:

Date:

Signature: