

**WOOD
PANELLING**

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

This form must be filled out by the MANUFACTURER of wood panellings acc. to EN 13986:2004. Wood panellings include:

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

Approved emission certificates are E1 with M1¹, EC 1², Nordic Swan Ecolabel, SINTEF Technical Approval or ECOproduct level 2 (green) for indoor emissions of gases.

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.

¹ Approved performance standard NS-EN 15251:2007, Appendix C

² Approved performance standard GEV Emissioncode

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: HORN Bordplader A/S
PRODUCT TRADE NAME: GREEN COLLECTION - Laminate
PRODUCT ID: Please see 'GREEN COLLECTION-Laminate-Product ID'

The following is hereby confirmed by the manufacturer:

1. The product is in accordance with standard: EN 13986:2004
2. The product has undergone an emission test³ which shows that its emissions are below the values⁴ shown in table 15 «Floor/Ceiling».

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

Ref	Wall		Floor/ceiling		Sealants	
	$\mu\text{g}/\text{m}^2\text{h}$	$\mu\text{g}/\text{m}^2\text{h}$	$\mu\text{g}/\text{m}^2\text{h}$	$\mu\text{g}/\text{m}^2\text{h}$	$\mu\text{g}/\text{m}^2\text{h}$	$\mu\text{g}/\text{m}^2\text{h}$
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

³Documentation (test in acc. with approved standard) can be requested if required.

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

3. 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). Test and calculation shall be carried out according to EN 16516.

Legally responsible:

Position: CEO

Date: 7/5-18

Signature:



BUILDING BOARDS

Self-declaration that the building boards identified below meet the minimum pollutant requirements in BREEAM NORs 2016 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:

HORN Bordplader A/S

PRODUCT TRADE NAME:

GREEN COLLECTION - Laminate

PRODUCT ID:

Please see attached 'GREEN COLLECTION-Laminate-Product ID'

Chemicals which are to be avoided¹:

Arsenic, Lead, Brominated flame retardants (HBCD, TBBPA), Phthalates (DEHP), Chromium, Octyl-/nonylphenols, Bisphenol A²

It is hereby confirmed that the product does not contain the chemicals above.

¹ Note that the unwanted chemicals can be found under alternative designations. Find the complete checklist A20 in BREEAM NOR 2016 Technical Manual SD5075NOR Version 1.1/02.05.2017

² Valid for polycarbonate building boards; all polycarbonates contain Bisphenol A.

Legally responsible:

Position:

CEO

Date:

7/5-18

Signature:



GREEN COLLECTION - Laminate**Product - ID**

SP	112	PE
SP	287	RS
SP	288	RS
SP	4298	UE
SP	4299	UE
SP	6059	RS
SP	7437	RS
SP	8326	RS
SP	8685	PE
SP	A244	SE
SP	A793	RS
SP	K002	WO
SP	K003	WO
SP	K004	WO
SP	164	Q-SK
SP	190	S-SK
SP	C974	W-SK