

Self-declaration that the named construction product complies with the minimum requirements for indoor air quality in BREEAM-NOR v6.0 in compliance with Hea 02

MANUFACTURER:

Norbord Europe Ltd

PRODUCT TRADE NAME:

OSB3

PRODUCT ID:

Sterling OSB Zero

This form must be filled out and signed by a legally responsible person for the construction product manufacturer, if the product is within the limit values of the current standard.

The declaration applies to the following products from Table Hea 02-01.

- ☒ **Wood-based products** (including wood flooring)
- ☐ **Flooring materials** (including floor leveling compounds)
- ☐ **Ceiling, wall, acoustic and thermal insulation materials**
- ☐ **Interior adhesives and sealants** (including flooring adhesives)

Limit values Table Hea 02-01 (see the extract from the manual on the next page)

Formaldehyde $\leq 0,06 \text{ mg/m}^3$,

Total volatile organic compounds (TVOC) $\leq 0,3 \text{ mg/m}^3$,

Category 1A and 1B Carcinogens $\leq 0,001 \text{ mg/m}^3$

Testing Requirement minimum requirements

Are pointed per product type in Table Hea 02-01 and are repeated further down on this document (see the referred manual).

Documentation which can serve as basis for the self-declaration could be emission tests and/or test reports which prove that the product fulfills the standards, and the emission limits the manual requires. If in doubt, the manufacturer must consult with their own internal and external experts. An auditor may ask to see the basis for the self-declaration. Providing incorrect and deceptive information can have legal consequences. The filled-out form should be signed by a legally responsible person for the manufacturer.

It is confirmed that emissions from the construction product do not surpass the limit given in Table Hea 02-01 in the manual.

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The supporting documents must be easily accessible in the case of a possible inspection by an auditor.

Legally responsible: Steve McTaggart

Position: HSEQ Manager

Manufacturer: Norbord Europe Ltd

Business registration number : 07886600

Date: 10/01/2023

Signature:  10/1/2023.

Table Hea 02-01 Emission criteria by product type

Formaldehyde	Emission limit*	Category 1A and 1B Carcinogens (see Definitions)	Testing Requirement**
	Total volatile organic compounds*** (TVOC) (see Definitions)		
Interior paints and coatings			
≤0.06 mg/m³	≤0,3 mg/m³	≤0.001 mg/m³	EN 16402:2019 OR NS-EN ISO 16000-9:2006 and NS-EN ISO 16000-9:2016/AC:2007 OR NS-EN EN 16516:2017+A1:2020 OR CDPH Standard Method v1.2
Additional requirements:			
Meet TVOC content limits (See Table Hea 02-04)			
Wet room paint must be used in wet zones (see Definitions).			
Wood-based products (including wood flooring)			
≤0.06 mg/m³	≤0.3 mg/ m³	≤0.001 mg/m³	NS-EN ISO 16000-9:2006 and NS-EN ISO 16000-9:2016/AC:2007 OR EN 16516:2017+A1:2020 OR CDPH Standard Method v1.2 OR EN 717-1 (formaldehyde emissions only)
Flooring materials (including floor levelling compounds)			
≤0.06 mg/m³	≤0.3 mg/m³	≤0.001 mg/m³	ISO 10580 OR NS-EN ISO 16000-9:2006 and NS-EN ISO 16000-9:2016/AC:2007 OR NS-EN EN16516:2017+A1:2020 OR CDPH Standard Method v1.2
Ceiling, wall, and acoustic and thermal insulation materials			
≤0.06 mg/m³	≤0.3 mg/m³	≤0.001 mg/m³	NS-EN ISO 16000-9:2006 and NS-EN ISO 16000-9:2016/AC:2007 OR NS-EN 16516:2017+A1:2020 OR CDPH Standard Method v1.2
Interior adhesives and sealants (including flooring adhesives)			
≤0.06 mg/m³	≤0.3 mg/m³	≤0.001 mg/m³	NS-EN 13999 (Parts 1-4) OR NS-EN ISO 16000-9:2006 and NS-EN ISO 16000-9:2016/AC:2007 OR NS-EN 16516:2017+A1:2020 OR CDPH Standard Method v1.21

* The emission limits in this table apply to the finished product, i.e. after any coating or other treatment process have been applied.

** Compliance with emission limits shall be demonstrated after 28 days in an emission test chamber or earlier as stipulated by the relevant testing requirements standard. The emission rate obtained from the chamber test method must be extrapolated to predict what the concentration would be in the air of the theoretical model or reference room (as detailed in the respective testing standard) and this extrapolated concentration must be compared with the emission limit in this table.

***Where test results for a product exceed the TVOC emission limit, compliance with the above requirements can still be achieved where the test results demonstrate an R-value ≤ 1 after 28 days.

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