

Appendix 9 Declaration on substances excluded from construction products, construction goods and materials

The declaration applies to manufacturers of any of the following building products, goods and building materials:

| | |
|--|---|
| <input type="checkbox"/> Sealing products (such as vapour, wind and radon barriers, fixed waterproofing of wet rooms, roof surfacing and roofing membrane). | <input type="checkbox"/> Thermal, acoustic and technical insulation. |
| <input type="checkbox"/> Interior and exterior building panels (besides panels of solid wood, laminated timber, veneer, OSB, plywood, MDF/HDF and chipboard) | <input type="checkbox"/> Interior plastic coverings for floors, ceilings and walls* |
| <input type="checkbox"/> Wood composites | <input type="checkbox"/> Wood that is impregnated as protection from rot, blue stain and mould. |
| <input type="checkbox"/> Drainage pipes* | <input type="checkbox"/> (Electrical) conduits* |
| <input type="checkbox"/> Electricity cables* | <input checked="" type="checkbox"/> Other. Please specify: <u>Wavin ASTO pipe system</u> |
| <input type="checkbox"/> Plastic pipes for central vacuum cleaners* | |

* Technical areas are exempt from the requirement. Technical areas are fan rooms, substations, lift shafts, machine rooms, electricity centres and other areas to which unauthorized persons do not have access.

| |
|--|
| Name of the product Wavin ASTO pipe system |
| Manufacturer Wavin GmbH |

This declaration is completed and signed by the manufacturer of the building product or building material based on the knowledge at the time of the application, based on tests and/or declarations from raw material manufacturers, with reservations for new advances and new knowledge. Should such knowledge arise, the undersigned is obliged to submit an updated declaration to Nordic Ecolabelling.

By "included" is meant substances added by the producer or its subsuppliers and that are included in the end-product with more than 100 ppm.

Are any of the following substances included in the building product/material?

| | Yes | No |
|---|--------------------------|-------------------------------------|
| • Substances on the EU's Candidate List* | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Substances evaluated by the EU to be PBT substances or vPvB substances in accordance with the criteria in Appendix XIII in REACH including substances that has not been evaluated but är considered to meet the requirements. | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| • Substances classified as carcinogenic, mutagenic or toxic for reproduction (CMR) Category 1A and 1B.** | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

- Substances considered to be potential endocrine disruptors in category 1 or 2 on the EU's priority list of substances that are to be investigated further for endocrine disruptive effects***
- Short-chain chlorinated paraffins (C10-C13) and medium chain chlorinated paraffins (C14-C17)
- Perfluorinated and polyfluorinated alkylated substances (PFAs)
- Alkylphenol ethoxylates (APEO) and other alkylphenol derivatives (substances that release alkylphenols on degradation)
- Brominated flame retardants****
- Phthalates
- The heavy metals lead, cadmium, arsenic, chromium (VI), mercury and their compounds
- Bisphenol A, bisphenol S and bisphenol F
- Boric acid, sodium perborate, perboric acid, sodium borate (borax) and any other boron compounds classed as carcinogenic, mutagenic or reprotoxic
- Tin organic compounds


* The Candidate List can be found on the ECHA website at: <http://echa.europa.eu/sv/candidate-list-table>.

** In EPS and XPS insulation material manufactured by polystyrene, residues of styrene monomer are allowed in maximum 1000 ppm in the polystyrene (i.e. in the raw material).

*** See document Annex 1-Candidate list of 553 substances on the following link: http://ec.europa.eu/environment/archives/docum/pdf/bkh_annex_01.pdf

**** Insulation foam, exposed for risks of ignition during the production (at the construction site or during manufacturing of prefabricated construction parts) may, when the fire protection assessment show medium to high risk of fire, be protected with butadien styrene brominated copolymer as flame retardant. Examples of risks of ignition are welding works, electricity errors, halogen lighting or concentrated sunlight. The fire protection assessment shall be performed by a competent expert technician (construction expert, fire risk expert or person with similar competence). This exception from the general prohibition of brominated flame retardants is valid until December 31, 2017. The licence holder must apply in written and project specific for exception, to the Nordic Ecolabel.

Signature of manufacturer of the construction product/goods/material

| | |
|---|---|
| City and Date Hammel, 9/3-2017 | Company Nordisk Wavin A/S |
| Name of contact person Lars Baungaard | Signature by contact person  |
| Phone +45 40576970 | E-mail lars.baungaard@wavin.com |



A correct signed declaration can result in the acceptance of use of the construction product in Nordic Ecolabelled buildings. This shall not be mixed up with the Nordic Ecolabelling of the construction product