

Appendix 6 Declaration on emissions of formaldehyde

Applies to all wood-based panels/boards used in the production of Nordic Swan Ecolabelled buildings either as (building) panels/boards, boards in floors or boards in fittings. Panels that are not solely marketed as façade panels are exempted.

| | |
|--|---|
| Product name, Denmark | |
| Product name, Finland | |
| Product name, Iceland | |
| Product name, Norway <i>STRI LIME</i> | |
| Product name, Sweden | |
| Manufacturer | |
| Product description | <input type="checkbox"/> Wood based panels/boards <input type="checkbox"/> Boards in floorings <input type="checkbox"/> Boards in doors and fittings <input type="checkbox"/> Mouldings, baseboards and frames |

1. Does the wood board/panel contain more than 3% by weight of formaldehyde-based additives?

Yes No

If yes, fill in bullet 2 and then either bullet 3 or 4 below.

2. For laminated panels/boards:

Does the level of free formaldehyde in glue with any hardener (i.e. the final glue compound) exceed 2,000 ppm (0.2% by weight)?

Yes No

If yes, fill in bullet 3 or 4 below.

3. Is the product certified with any of the following certifications?

E1 or M1 for MDF-boards

Yes No

CARB PHASE II or Indoor Air Comfort GOLD/Indoor Air Comfort for all types of boards?

Yes No

If yes, what certification is held? If no, please, fill in point 4.

4. Does the emission of free formaldehyde exceed the below stated limit, in accordance with the current version of the standard at the time of sampling? Please tick below and attach test results.

EN 717-1:

0.124 mg/m³ air for MDF panels/boards Yes No

0.07 mg/m³ air for all other types of panels/boards Yes No

ISO 16000-9, M1, Eurofins or equivalent:

0,05 mg/m²/h for MDF-boards Yes No

0,03 mg/m²/h for all other boards Yes No

ASTM E1333:

0,09 ppm for MDF-boards Yes No

0,08 ppm for all other boards Yes No

JIS A1460:

0,90 mg/l for MDF-boards Yes No


0,53 mg/l for all other boards Yes No

ISO 12460-5 alternatively EN 120:

8 mg/100 g dry substance for MDF-boards Yes No

4 mg/100 g dry substance for all other boards Yes No

Signature of panel/board manufacturer

| | |
|---|---|
| City and Date <i>Stadl-Paura, 25.6.20</i> | Company <i>REINLEIN, HOLZ & PARKETT</i> |
| Name of contact person <i>Kohlross Christian</i> | Signature by contact person  |
| Phone <i>+43 664 340 7389</i> | E-mail <i>ck@reinlein-parkett.com</i> |

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

Appendix 10 Declaration on nanoparticles and antibacterial additives in goods b.H.

| | |
|------------------------------|--|
| Manufacturer | REINLEIN Wimstorfstrasse 21 A-4651 STADL-PAURA |
| Name of the product, Denmark | |
| Name of the product, Finland | |
| Name of the product, Iceland | |
| Name of the product, Norway | STRILINE |
| Name of the product, Sweden | |

The declaration applies to the following construction products/goods:

| | |
|---|---|
| <input checked="" type="checkbox"/> Floor coverings | <input type="checkbox"/> Wall coverings in ceramic material or stone |
| <input type="checkbox"/> Kitchen fittings | <input type="checkbox"/> White goods |
| <input type="checkbox"/> Bathroom fittings | <input type="checkbox"/> Windows |
| <input type="checkbox"/> Waste disposal units | <input type="checkbox"/> Ventilation system for the elements in contact with the indoor air |

Appendix to be completed by windows, window doors and exterior doors:

Are nanoparticles from nanomaterial* actively added to the outer glass surface of windowpanes on balconies, windows, window doors or exterior doors? The outer glass pane is in contact with the exterior environment. Glass on balconies includes both glass for enclosure/glazing of balconies and glass for railings, guide rails and similar functions. Yes No

If yes, for what purpose? _____

Appendix to be completed by floor coverings, wall coverings, kitchen and bathroom fittings, white goods, ventilation systems and waste disposal units:

Are chemicals or additives, including nanomaterial* added to provide an antibacterial** or disinfecting surface? Yes No

If yes, for what purpose? _____


The requirement does not include biocide-treated articles/components in white goods, for example air filter and door gaskets. Silver ions, nano silver, nano gold and nano copper are however never allowed in white goods.

** The definition of nanomaterial follows the European Commission's definition from 18 October 2011 (2011/696/EU). "A nanomaterial is a natural, incidental or purposely manufactured material*

containing particles, in an unbound state or as an aggregate or as an agglomerate and when, for at least 50% of the particles in the number size distribution, one or more external dimensions is in the size range 1-100nm."

**An antibacterial chemical inhibits or stops growth of microorganisms such as bacteria, fungi or protozoa (single-celled organisms). Silver ions, nano silver, nano gold and nano copper are considered to be antibacterial substances.

Signature of manufacturer

| | |
|--|--|
| City and Date Stadt-Pauze, 25.6.20 | Company REINLEIN, Holz & Parkett |
| Name of contact person Kohlross Christian | Signature by contact person  |
| Phone +43 664 3407383 | E-mail ck@reinlein-parkett.com |

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