

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 MDF	
Product name, Finland MDF	
Product name, Iceland MDF	
Product name, Norway MDF	
Product name, Sweden MDF	
Manufacturer Sonae Arauco Deutschland ,Grecostraße 1 , 49716 Meppen , Germany	
Product description MDF 3050/2440 x 1220 mm , CE , E1, 70 % PEFC	<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

Class M1 for doors resistant to fire according to EN16034 (applies only to tambour doors in Finnish apartment buildings)

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.

E1 (0,1 ppm), Carb II, limit of Chem.Verb.V ("E05" < 0,05 ppm)

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>Meppen, 03.09.2020</i>	Company <i>Sonae Arauco Deutschland GmbH</i>
Name of contact person <i>Jan-Hendrik Lorenz</i>	Signature by contact person <i>[Signature]</i>
Phone <i>05931-405-206</i>	E-mail <i>jan-hendrik.lorenz@sonaearauco.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.

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