

Danish Indoor Climate Labelling

Certificate no. 079



Danish Indoor Climate Labelling hereby certifies that the product group:

Building materials of autoclaved aerated concrete and calcium silicate units acc. EN 771-4 and EN 771-2 together with prefabricated reinforced panels acc. EN 12602 and mineral insulating panels acc. ETA-05/0093

Xella Danmark A/S
Helge Nielsens Allé 7
DK-8723 Løsning

has been approved and awarded a labelling license

The labelling license is valid through:
16th December 2022


Danish Indoor Climate Labelling

This certificate is subject to annual renewal according to the procedures of Danish Indoor Climate Labelling. Danish Indoor Climate Labelling may withdraw the rights to use this certificate in case the manufacturer does not meet the requirements.

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Labelling license holder:

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Product group

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Testing and labelling criteria

General labelling criteria, 6th edition, 2018
Wall and Ceiling systems, 5th ed. 2018

Date of first issue of license

17th December 2008

Tested product(s)

YTONG panels

Evaluation of product group

EMISSION CLASS 1

The labelling license covers products considered to be identical with the tested product regarding emission and particle characteristics as specified by the labelling criteria. For a full list of products covered by the labelling license, see Appendix.

The emission and particle classes were determined based on the following measured values:

Measured values after 28 days	
TVOC ₂₈	< 5 µg/m ³
Formaldehyde ₂₈	< 5 µg/m ³
Sensory evaluation	
Time-value	60 days

Labelling license basis

The tested product(s) shows compliance with the DICL criteria for the present product group:

Emission measured after 3 days		
TVOC	≤	10000 µg/m ³
Carcinogens of EU cat. 1A and 1B	≤	10 µg/m ³
Emission measured after 28 days		
Sum of TVOC and SVOC with LCI	≤	1000 µg/m ³
Carcinogens of EU cat. 1A and 1B	≤	1 µg/m ³
R-value	≤	1
Sensory evaluation		
Time-value	≤	100 days

Emission Class 1	TVOC ₂₈	≤	500 µg/m ³
	Formaldehyde ₂₈	≤	10 µg/m ³
Emission Class 2	TVOC ₂₈	≤	1000 µg/m ³
	Formaldehyde ₂₈	≤	60 µg/m ³
Emission Class 3	TVOC ₂₈	≤	1000 µg/m ³
	Formaldehyde ₂₈	≤	100 µg/m ³

Product information requirements

The holder of the labelling license is required to present the following product information on demand in order to avoid any adverse effects of the product on the indoor air quality in practice: product specifications, guidelines for transport, storage, assembly, cleaning and maintenance.

In the event of any discrepancies in the text arising from translation, the Danish text shall prevail.