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Assessment of Compliance to Byggvarubedömningen

Emission measurement according to “M1 Emission Classification of Building Materials: Protocol for Chemical and Sensory Testing of Building Materials”, ver 5.7.2017 have been performed on wall panels and flooring with the product names **Gulv Furu 25 x 180 Artic** and **Panel 14 x 12 malt** from Moelven Wood AB. See the respective testreports 7F016693-1 and 7F016693-2 both dated 2017-10-26 test report No and dates

Moelven Wood AB wants to use these test results for registration to Byggvarubedömningen. Byggvarubedömningen has criteria regarding Emissions to indoor environment. The emissions are measured according to a standard method such as ISO 16000-9. The requirements for the *Recommended class* is that the requirements to one of the following systems are being met: Emission class EC1, Emission class EC1^{PLUS}, Blue Angel, M1 (RTS) or GUT. The requirements for the *Accepted class* is one of Emission class EC2, AgBB or M2 (RTS).

The emission results for the tested products are compared to the relevant requirements in AgBB (Feb 2015) after 28 days:

Compounds	Requirement AgBB (µg/m ³)	Test Results Gulv Furu 25x180 Artic (µg/m ³)	Test Results Panel 14x120 malt (µg/m ³)	Pass / Fail
TVOC after 28 days	≤ 1000	960	983	PASS
TSVOC after 28 days	≤ 100	< 5	47	PASS
Any CMR 1A+1B after 28 days	≤ 1	< 1	< 1	PASS
R-value after 28 days	≤ 1	< 1	< 1	PASS
Sum of non-assessable VOC after 28 days	≤ 100	6	42	PASS

The tested products **Gulv Furu 25x180 Artic** and **Panel 14x120 malt** are in compliance with the requirements of AgBB and with the *Accepted class* according to Byggvarubedömningen.

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Performed by

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