Emission Classification of Building Materials

Metsäliitto Cooperative, Metsä Wood

The classification committee appointed by Rakennustietosäätiö RTS sr has approved product:

Kerto LVL S-beam
Kerto LVL Q-panel
Kerto LVL Qp-beam
Kerto LVL T-stud
Kerto LVL L-panel
Kerto LVL Kate
Kerto LVL D-panel
Kerto LVL SL-beam
Kerto LVL (S-beam, Q-panel, Qp-beam, T-stud, L-panel, Kate, D-panel, SL-beam) with Mould-Guard treatment
Kerto LVL (S-beam, Q-panel, Qp-beam, T-stud, L-panel, Kate, D-panel, SL-beam) with Weather-Guard treatment

to Emission Class M1. The classification is valid until **03.02.2029**.

Metsäliitto Cooperative, Metsä Wood has the right to mark its classified products with the classification label and to use the classification label in the marketing of these products. The classification decision is based on documents Classification of Indoor Environment 2018, and Emission Classification of Building Materials, General rules.

In addition to the criteria for the Emission Classification of Building Materials, based on the test report the following criteria are also met: formaldehyde emission < 60 µg/m³, emission of EC Regulation No. 1272/2008 category Carc. 1A and 1B carcinogenic compounds (excluding formaldehyde and acetaldehyde) < 1 µg/m³, and total volatile organic compounds (TVOC) < 300 µg/m³. The emissions have been determined after ageing period of 28±2 days using a chamber method based on the document M1 Emission Classification of Building Materials: Protocol for Chemical and Sensory Testing of Building Materials, and standard EN 16516:2017 + A1:2020. The test results have been reported in accordance with standard EN 16516:2017 + A1:2020 as reference room concentrations applying loading factor 1 m²/m³.

Rakennustieto Oy

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