RAKENNUSTIETO⟩

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EMISSION CLASSIFICATION OF BUILDING MATERIALS

Metsäliitto Cooperative, Metsä Wood

The classification working group set up by The Building Information Foundation RTS sr has approved the following 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 (S-beam, Q-panel, Qp-beam, T-stud, L-panel, Kate) with WeatherGuard treatment
Kerto LVL (S-beam, Q-panel, Qp-beam, T-stud, L-panel, Kate) with MouldGuard treatment
Metsä Wood Spruce plywood
Metsä Wood Conifer plywood
Metsä Wood Spruce WeatherGuard plywood
Metsä Wood Spruce MouldGuard plywood
Metsä Wood Spruce FireResist plywood
Metsä Wood Spruce Flex plywood

as belonging to emission class M1 for building materials.

The classification is valid until 3.2.2026.

Metsäliitto Cooperative, Metsä Wood has the right to equip its classified products with the classification mark and to use this classification mark when marketing these products.

The decision is in line with the requirements laid down in documents Classification of Indoor Environment 2018 and Emission Classification of Building Materials, General rules.

In addition to the criteria for the M1 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) < 1 µg/m³ and total volatile organic compounds (TVOC) < 300 µg/m³. Emissions have been determined after a 28-day ageing period using a chamber method based on the M1 testing protocol and the standard EN 16516:2017 + A1:2020. The obtained test results are reported in accordance with the standard EN 16516:2017 + A1:2020 as reference room concentrations applying loading factor 1 m²/m³.

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