

ESTA PARKET: Sustainability and Safety



WOODEN FLOORS YOU CAN TRUST

Natural Parquet Flooring with **Ultra-Low Emissions**

- **M1 Certification** — Finland's strict environmental standard for materials with minimal emissions.
- Tests measure **TVOC, formaldehyde, ammonia, carcinogens, and odor** after 28 days.
- **ESTA PARKET** complies with **M1 requirements**:
 - Formaldehyde $\leq 0.05 \text{ mg/m}^2\text{h}$
 - TVOC $\leq 0.2 \text{ mg/m}^2\text{h}$
- Our formaldehyde level is **four times lower** than the permitted limit, making it safe even for allergy sufferers.
- With no added formaldehyde or VOC, and only **water-based, organic, and safe lacquers and oils**, **ESTA PARKET** ensures healthier indoor air.



Made with CARB 2 Certified Plywood

- **Baltic birch plywood** with reduced formaldehyde content as the core material.
- **CARB Phase 2 certified** — among the strictest indoor air quality standards in the US.
- **Formaldehyde emissions ≤ 0.05 ppm**, far below the allowed limit.
- **Ensures high safety** and contributes to healthier indoor air.



CARB2
COMPLIANT

Why It Matters: The Benefits of M1 and CARB 2

- **Health & Safety:** ultra-low emissions ensure a safe environment for children, the elderly, and sensitive individuals.
- **Sustainable Living:** certified materials support eco-friendly and responsible housing solutions.
- **Highest Standards:** M1 and CARB2 certifications exceed EU EN, CE, and E1 requirements.
- **Competitive Advantage:** perfect for projects prioritizing health, sustainability, and green building standards.



Risks of High VOC and Formaldehyde Emissions

A small green seedling with two leaves is growing out of dark, rich soil. Next to the seedling is a brown acorn cap. The background is a soft, out-of-focus green and yellow gradient, suggesting a natural, sunlit environment.

- **Short-term effects:** eye, nose, and throat irritation; headaches; nausea; dizziness.
- **Long-term risks:** potential damage to the liver, kidneys, and nervous system; increased cancer risk.
- **Most vulnerable:** children, the elderly, allergy sufferers, and people with asthma.
- **Off-gassing:** new materials may emit chemicals for months, reducing indoor air quality.
- Since people spend up to 90% of their time indoors, **clean indoor air is essential for health and well-being.**



60 YEARS
TESTING AND CERTIFYING
WOOD PRODUCTS
AROUND THE WORLD



CARB ATCM 93120 CERTIFIED MANUFACTURER TPC-2/CARB/TPC/0722274

Relating to Benchmark Holdings, LLC (BMH) Qualification of Composite Wood Product Manufacturers in accordance with Title 17, California Code of Regulations, Sections 93120 – 93120.12 (CARB ATCM §93120-§93120.12)

Technomar & Adrem Ltd.

BMH has received a completed application for third party certification submitted by the above-named manufacturer of composite wood products as specified in CARB ATCM §93120.3(b).

The manufacturer demonstrates conformance to the formaldehyde emission requirements defined in CARB ATCM §93120.2(a) for composite wood products within the manufacturer's scope of third party certification at:

Vana Narva St. 22
Maardu 74114
Estonia

Hardwood Plywood Veneer Core (HWPW-VC): 3.0 – 30.0mm made Using UF Resins

Benchmark Holdings, LLC has assessed the manufacturer as required in CARB ATCM §93120.12, Appendix 3.

Initial (qualifying) tests conducted by the Third-Party Certifier (TPC) were completed as required in CARB ATCM §93120.3 and CARB ATCM §93120.12, Appendix 2, as applicable. BMH has verified the manufacturer conforms to the requirements defined in CARB ATCM §93120.3 and CARB ATCM §93120.12, Appendix 2 as applicable to the manufacturer's scope of certification.

Certified Composite Wood Products produced and sold by the manufacturer are subject to the terms of the certification license agreement held between the manufacturer and BMH. Certified Composite Wood Products are subject to the labeling and record-keeping requirements defined or referenced in CARB ATCM §93120.3 and the terms of the manufacturer's certification license agreement. The validity of this certificate is subject to the manufacturer's successful demonstration of ongoing conformity to the requirements defined or referenced in CARB ATCM §93120- §93120.12 as applicable to the manufacturer's scope of certification.

This document is valid until: June 26, 2026. Date Originally Issued: June 26, 2023. Date Last Revised: June 03, 2025.

To validate this certificate, please contact:
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+1 (541) 484-9212
e-mail: certificationsupport@benchmark-intl.com
or visit: <https://benchmark-intl.com>


Chris Battin
Chief Technical Officer
Benchmark Holdings, LLC
Benchmark International, LLC



form-039 Revision 04282022



Emission Classification of Building Materials

Technomar & Adrem AS

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

3-layer Ash engineered parquet, lacquered
3-layer Oak engineered parquet, lacquered
3-layer Walnut engineered parquet, lacquered
Multilayer Ash engineered parquet, lacquered
Multilayer Oak engineered parquet, lacquered
Multilayer Walnut engineered parquet, lacquered

to Emission Class M1. The classification is valid until **11.10.2027**.

Technomar & Adrem AS 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.

Rakennustieto Oy


Laura Apilo
Chief Executive Officer


Hanna Leppänen
Secretary of the Classification
Committee



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Thank you for your
attention!

