Aluwood Floorboards
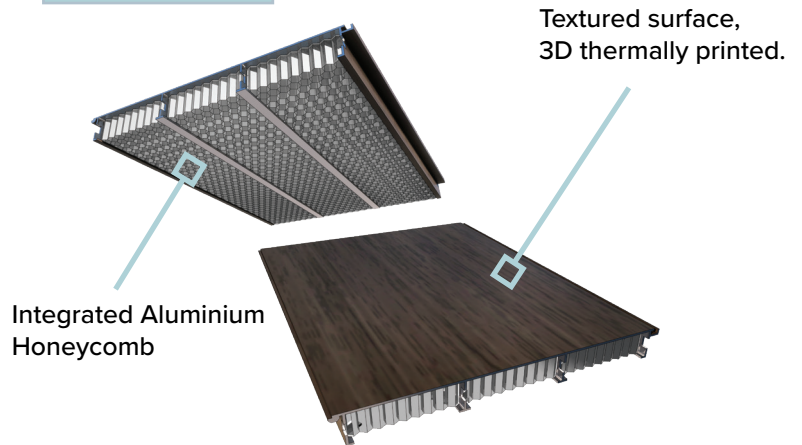
Specifically designed to enhance fire safety, providing a lightweight, sustainable flooring solution.
Certified as non-combustible and compliant with IMO fire safety standards. Appropriate for internal usage within all types of marine vessels, commercial and residential buildings.
This system is designed to be used internally in dry conditions. The central clip makes for fast and efficient installation.

IMO FTPC Part 5 & IMO FTPC Part 2 COMPLIANT

Size: **1500mmL x 150mmW - 15mmD**

Textured surface, 3D thermally printed.

Integrated Aluminium Honeycomb

1 FIRE RESISTANCE

Manufactured from Aluminium (6063 T6 grade) and are therefore fire resistant and non-combustible.

2 CONSTRUCTION

The boards are constructed completely from 100% aluminium (6063 T6 grade).

3 SLIP RESISTANCE

Moderate to low slip resistance EN 16165: 2021 P1 classification. Recommended for internal use only, avoiding usage within wet areas such as bathrooms.

4 INSTALLATION

Boards can be trimmed down to desired length based on room requirements. Seamless tongue & groove installation. Internal structural clip to be installed at the end of every board.

5 AESTHETICS

Surface is fixed onto substrate based powder using 3D printing. Protected by 6 layers of advanced nanotechnology coating to ensure durability of up to and over 50 years.

Direction	Condition	1	2	3	4	5	Mean	Risk
A - Diagonal	Dry	64	64	65	64	64	64	Low
A	Wet	30	30	29	29	28	29	Moderate
B - Vertical	Dry	65	65	65	65	65	65	Low
B	Wet	30	30	29	29	28	29	Moderate
C - Horizontal	Dry	62	63	63	63	64	63	Low
C	Wet	19	17	17	17	17	17	High

Please Note: The test is conducted 8 times, with the first three tests being 'warm up tests' the data then starts to be recorded upon the 4th test. The average is taken from the 5 tests and is shown in the column marked MEAN.

Test Values (PTVs) - Low Slip Potential 35+ | Moderate Slip Potential 25-35 | High Slip Potential 0-25

Independently tested for fire performance for bulkhead, wall, ceiling and floor covering as follows:
IMO Fire tested MSC 307(88). Complies with IMO FTPC Part 5: Fire Test for surface flammability and IMO FTPC Part 2: Smoke & Toxicity Test.

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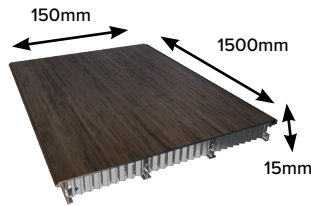
Product Specification

Installation

Aluwood Floorboards were specifically designed to reduce installation time. Two people can lay 100 to 200 square metres per day. Designed with a multi-chamber structure and seamless tongue and groove mechanism. End clips provided to attach to the end of every board. Full installation guides are available to download.

Dimensions

Length: 1500mm
Width: 150mm
Depth: 15mm
The boards can be cut to size along the length.

Construction

Constructed from 100% aluminium (6063 T6 grade). Each square metre can support a weight of 200kg.

Maintenance

6 layers of advanced nanotechnology surface treatment is applied, resulting in minimal maintenance. No sanding or staining will ever be required. A quick wipe with a lint-free cloth will suffice if desired.

Warranty

Floorboards are supplied with a **10 year warranty** against manufacturing defects and discolouring. It has a minimum of **50 years life** expectancy.
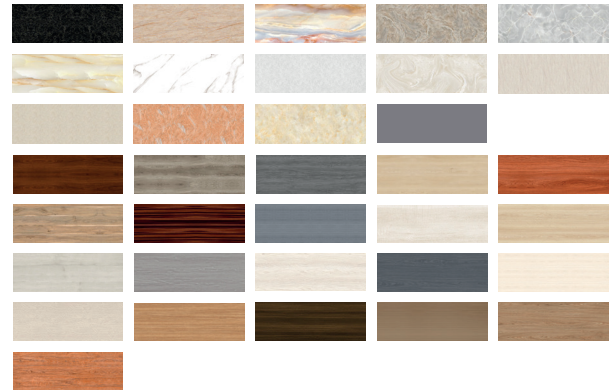
Compatability

The floorboards are compatible with certain underfloor heating systems. High thermal conductivity helps achieve quick temperature increases. For further information on the underloor heating specification please reach out to info@aluwoodfloorboards.com

Finish Options

Available in 14 Marble & Stone finishes and 21 timber finishes.
Non-standard colours hold a minimum order which can be detailed on request. This may affect cost and lead time. For further details please submit your request to info@aluwoodfloorboards.com

Non-Combustible: Aluminium has a high ignition point of 550°C, compared to wood's 180-300°C.

Only 6kg/m² making them 90% lighter than traditional stone, marble and 60% than hardwood flooring.

100% Recyclable making it a fantastic green alternative for eco-friendly concious customers.

No Maintenance required.

Contains no logging or harmful VCO's.

Integrated aluminium honeycomb insulation.

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