

Forté Millboard Decking Premium Mineral Composite Decking

Product Technical Statement: 108517



Moulded from real timber. Slip & fade resistant, maintenance free finished with hidden fixings.

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Level of assurance needed to demonstrate NZ Building Code Compliance

Supporting documentation should include self-assessment and technical information by manufacturer



Forté Millboard Decking confirms that this minimum level of assurance has been met or exceeded by the following:

International Testing

[Forté](#)



Technical Statement

Product Description

Millboard is a decking manufacturer from the UK producing the world's only wood-alternative decking made from hand-moulded polyurethane*.

Millboard is moulded from real timber providing a realistic timber look and feel. Millboard is designed to remain unchanged even when exposed to the most challenging conditions.

Features:

- Highly realistic 3D textured surface moulded from real timber
- Extremely low maintenance
- Rot resistant
- Slip and fade resistant
- Highly resistant to scratches, food-and-drink stains, and everyday wear and tear
- No staining or finishing coatings required

Scope of Use:

- Suitable for outdoor use; decks, balconies, roof gardens, boardwalks, bridges, pontoons, seating, steps and planters

Scope of use

Millboard is an extremely versatile product, designed for use as outdoor decking, cladding, wall and ceiling coverings. Millboard is also ideal for landscaping applications such as garden edging, planters, seating, table tops, paths, bridges, water features, and more. Not only limited to the outdoors, we have also seen Millboard used internally for feature walls & ceilings, flooring and more. Millboard cannot be used as Roofing

Note: Please contact Forté before utilising Millboard for anything that is not decking.

New Zealand Building Code (NZBC)

The product will, if employed in accordance with the supplier's installation and maintenance requirements, assist with meeting the following provisions of the building code:

- **Clause B1 Structure:** Performance B1.3.1, B1.3.2, B1.3.4(a), B1.3.4(b), B1.3.4(c), B1.3.4(d), B1.3.4(e)
- **Clause B2 Durability:** Performance B2.3.1(c)
- **Clause F2 Hazardous building materials:** Performance F2.3.1

Notes

Millboard is simple to replace, although the Durafix fixings disappear the boards can be prised off the deck using a flat bar and either re-used or disposed. The fixings will then need to be removed from the subframe.

Being manufactured under strict quality control in the UK, Millboard is of the highest quality. The core of Millboard is Limestone (natural mineral), meaning it will not rot or break down over time. The top surface layer of Millboard is called Lastane, this is an incredible durable rubberised layer making it highly slip resistant.

The main component of Millboard is polyurethane which has a proven lifespan of 40-50 years

Evidence

The product meets the requirements set out in the following documents, or relevant parts of cited standards within the documents:

Since 2007 Millboard has installed and distributed all over the world including countries such as, France, Germany, UK, Netherlands, Russia, Australia and New Zealand.

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Company Contact Details



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Millboard has been installed in both commercial and residential applications all over the world. Some of the uses are boardwalks, Public parks, Residential homes and many more. One of the more notable projects is a the famous Lego Land in London where Millboard was installed in 2012. Here over 10 Million people walk on it each year, it still looks like when it was installed.

- To view international projects with Millboard [click here](#)
- To view New Zealand projects with Millboard [click here](#)

Millboard has been tested in labs all over the world. Some of the tests that are done on the product include, UV weathering, slip resistance, breaking strength, scratch resistance and many more. We have all these reports available.

To view any test reports email us info@forte.co.nz or call us on 0508 356677

Supporting Evidence

The product has and can make available the following additional evidence to support the above statements:

International Testing
[Forté](#)

Use in Service History

Forté has 100's of residential and commercial projects around New Zealand. We also have showcase Millboard Decks at 3 of our showrooms, Auckland, Queenstown and Wellington. These are open to the Public.

In addition to this, we have projects installed in all over the country where we can gain permission to arrange a viewing of the deck.

Contact us on info@forte.co.nz to visit your nearest Millboard Deck

Product Criteria

Design requirements

Millboard can be used in both residential and commercial decking applications. Millboard is the world most slip resistant decking material and meets the NZBC slip resistance regulations for both commercial and residential projects.

Millboard Decking comes in two plank widths and textures and is available in several colours which you can see on our website [here](#)

1. Millboard Enhanced Grain: Thickness 32mm x Width 176mm x Length 3.6m
2. Millboard Weathered Oak: Thickness 32mm x Width 200mm x Length 3.6m

Millboard is to be installed on the subframe with 400mm centers for residential and 300mm for commercial. Millboard must be fixed to the subframe using the durafix screws

Around the external perimeters of the deck you must use the Millboard bullnose or square edge, this protects the board from wear and tear. The fascia board can be used to cover any exposed sides of the deck.

To view all the Millboard Accessories [click here](#)

View the Millboard Deck design inspiration page [here](#)

Installation requirements

Millboard can be installed by any qualified builder however he must speak to a Forté product specialist before starting the install. This is to ensure we can talk through the vital points to ensure you get a quality install.

Watch the Millboard installation Video [Here](#)

View the Millboard installation guide [here](#)

Maintenance requirements

Millboard has a very low level of maintenance and never needs to be stained.

Watch the Millboard Maintenance Tutorial Video [Here](#)

Click this link to view the [Millboard Care & Maintenance Guide](#)

Warrantees

At Millboard, we know that only the best will do, and that's why our decking boards are manufactured to the highest of standards. Our warranty gives you peace of mind that we stand behind our product and that we will be there for you if something goes wrong.

Millboard has a 25 year residential warranty and a 5 year commercial warranty. Contact us at info@forte.co.nz for a copy of the Millboard Warranty

Company Product Information

Environmental

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Millboard decking boards are ideal for use as part of a sustainable design strategy. Their extended design life dramatically reduces the need for repair and replacement.

Millboard is focused on continued sustainability and have become the first premium outdoor flooring company in the world to have their carbon footprint independently verified.

The embodied carbon of Millboard decking has been verified as 1.31kg / CO2e per m2. Millboard is an ISO 14001 certified company, complying with international environmental management practices. They are the only carbon-verified premium timber-free outdoor flooring material in the entire world.

For more information on Millboard sustainability refer to the View the [Millboard Sustainability Brochure](#)

Quality Assurance



ISO 9001 (Quality Management)

Videos

[Millboard Antique Oak Grain and Texture Flyover](#)

[Millboard Features & Benefits explained](#)

[Millboard Product Range Explained](#)

[Millboard - How to clean your deck](#)

[Millboard Company Video](#)

[Millboard Detailed Installation Video](#)

[Millboard How is it made?](#)

[Millboard Durafix Screws](#)



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