

Millboard Envello Cladding Care and Maintenance Guide



0508 35 66 77
info@forte.co.nz
forte.co.nz
@forteflooring

1	THANK YOU	05
2	CLEANING YOUR MILLBOARD CLADDING	06
	2.1 REGULAR CLEANING	06
	2.2 AS REQUIRED	06
3	CARING FOR YOUR MILLBOARD CLADDING	07
	3.1 REPLACING DAMAGED BOARDS	07
4	CLEANING & CARE PRODUCTS	09
5	GENERAL INFORMATION	12
	5.1 DOES MILLBOARD CHANGE COLOUR OVER TIME?	12
	5.2 DOES MILLBOARD EXPAND OR CONTRACT?	12
	5.3 MILLBOARD TOLERANCES	12
6	WARRANTY OR TECHNICAL SUPPORT	15



1. Thank You

Thank you for choosing Millboard Envello cladding by Forté, we know you'll love it.

Millboard Envello cladding, designed to replicate the beauty and feel of natural wood but without the maintenance, Millboard provides you with a practical, easy to care for surface, leaving you more time for living.

The beauty of Millboard Envello cladding is how little you have to do to keep it looking great.

With just a little tender loving care, you'll enjoy years of assurance, with no recoating required. We've carefully developed this care and maintenance guide to help keep your cladding looking beautiful throughout the years.

Stunning to look at, sound in all weathers and simple to look after, Millboard is an ideal choice for NZ homes.

If you have any questions about caring for your Millboard cladding, please don't hesitate to call our Aftercare team.

The Forté Team

support@forte.co.nz

0508 35 66 77

2. Cleaning Your Millboard Cladding

Caring for your Millboard Envello cladding is a lot easier than you might think. In fact, simple cleaning is the key ingredient to keeping your Millboard deck in tip-top shape to prolong the longevity of your cladding.

2.1

REGULAR CLEANING

We recommend regularly removing dust and dirt using a hard bristle brush, broom or a low-pressure washer

When cleaning, start at the top of the cladding and work downwards along the grain. It is best to use a brush with an extendable handle to clean the boards. Pressure washers can also be used on Millboard Envello cladding, however they need to have a PSI of no greater than 2000.

A fan tip should be used with a 40 - 60° spread, keeping the head 250-300mm away from the surface. Test in an inconspicuous area first as direct and prolonged contact could damage the surface of the boards.

Take extra care when using a pressure washer around windows, doors and cut ends of boards. Stubborn marks may be removed with a range of different cleaners, depending on the mark.

2.2

AS REQUIRED

We recommend cleaning your cladding twice a year or as required. As an exterior product, Millboard will benefit from this periodic clean to remove any accumulated dust or dirt residue.

3. Caring For Your Millboard Cladding

3.1

REPLACING DAMAGED BOARDS

If a board gets damaged and needs replacing, then the following method should be used.

1. Set a circular saw to 45° and to a depth that will cut through the board without damaging the materials behind.
2. Plunge cut the saw into the surface of the damaged board roughly 2/3rds away from the groove side.
3. Run the saw the full length of the board taking care not to let the saw run into the next board and cause damage.
4. Remove the lower part of the board by starting in the middle, then lever the lower part of the board forward and gently pull up. This will pull the ends in as it is lifted.
5. Starting at the end, use a hammer and small block of wood and gently knock the groove of the cut board to pull it off the screws. This may need to be repeated where each screw is, taking care not to damage the board above or beside it.
6. With a multi-tool, cut off each screw that was holding the board.
7. Cut the replacement board to length, with the replacement board laid face down on a flat surface to ensure the face is protected, then cut off the back of the groove.
8. Apply a good bead of silicone into the groove of the existing board the replacement will fit into and the back of the groove of the new board.
9. Push the tongue of the new board up into the bottom of the board that is directly above and beside it, then press into place.
10. Surface fix along the bottom of the new board and the boards directly above and beside it with coloured head screws. Clean down any dust or excess silicone.



4. Cleaning and Care products

We recommend the following products when cleaning or repairing your Millboard cladding to keep it looking beautiful throughout the years. Other products may lead to inferior results or leave harmful residues.



Browns Superior Deck Scrub

We recommend you scrub your Millboard deck with a hard bristle brush similar to the Browns Superior Deck Scrub.



Wet & Forget® Double Bubble House Wash

Double Bubble House Wash assists in easily dissolving dirt and grime and the build-up of airborne contaminants that accumulate on exterior surfaces.



SikaFlex® 221

SikaFlex 221 is a multi-purpose adhesive sealant with a wide adhesion range that bonds well to various substrates. It is resistant to aging and can be sanded and painted.



CLR® Calcium, Lime & Rust Remover

CLR® quickly and easily dissolves and removes tough calcium and lime deposits and can be used to remove tough rust stains. CLR® is recognised as a safer alternative to traditional chemicals. It contains no phosphates and is septic free.





5. General Information

5.1

DOES MILLBOARD CHANGE COLOUR OVER TIME?

Millboard cladding boards are resistant to fading and sun damage, far more so than timber or wood-plastic composite cladding boards. However, Millboard cladding will vary depending on the particular environment in which it is installed and the use to which it is subjected. Relevant factors to consider include sunlight and ultraviolet (UV) radiation, hot/cold temperature cycling, darker/richer coloured paint, and coastal/pool environments.

Like any product used outside, Millboard will naturally weather and tone down over time, but not to the extent of a regular timber cladding.

We recommend choosing lighter colours in areas that are prone to high UV levels, as they tend to absorb less heat and UV radiation and reflect it off the surface. We also suggest to select surrounding glass products that don't intensify UV radiation onto the boards.

Contamination by dust/dirt can often cause the appearance of colour change (lightening of the surface), to help avoid this, please ensure the surface of the board is cleaned as per our guidance.

Note: A slight yellowing, especially in the deeper grain of Millboard cladding boards, will be visible and a loss of gloss is also expected and intentional. This is in order for the Millboard boards to replicate the natural pieces of timber that it has been carefully moulded against along with its unique hand-coloured process

5.2

DOES MILLBOARD EXPAND OR CONTRACT?

Due to Millboard's solid resin/mineral core, movement is expected and generally minimal, typically we see up to 0.1% movement which is less than would you would see in comparison to timber or composite cladding. In some

cases when surrounded by glass, water, or in the sun all day, you may see up to 0.2% movement which equates to 7.2mm over a full 3.6m length of Millboard.

5.3

MILLBOARD TOLERANCES

Millboard cladding planks are individually hand-moulded from natural oak, and due to the pressure of the moulding process there will always be a slight variance in the board's dimensions.

There will always be a slight variance in the board's dimensions due to the following factors:

- We mould from natural oak
- The pressure of the molding process

Our manufacturing tolerances are as follow:

- Width: $\pm 3\text{mm}$
- Length: $\pm 5\text{mm}$
- Thickness: $\pm 2\text{mm}$





6. Warranty or Technical Support

We stand by the quality of our products. If you have an issue with your product, please hold off from installing the product and contact our Aftercare team to discuss or refer to our [Customer Service](#) page on our website for further information.

Please refer to our [Resources](#) page on our website for your Structural Warranty.

Forté Aftercare

support@forte.co.nz

0508 35 66 77

Auckland
299 Great North Road,
Grey Lynn, Auckland

Pukekohe
3 Keith Place,
Pukekohe, Auckland

Christchurch
93 Manchester Street,
Christchurch

Queenstown
179 Glenda Drive,
Frankton, Queenstown

forte.co.nz
info@forte.co.nz
0508 35 66 77

