



## Millboard Decking

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## Composite decking never looked so good

Modinex Group Millboard Decking is an innovative and revolutionary composite decking solution that looks so convincing, you'll struggle to believe that it's not real wood – until you enjoy years of virtually maintenance free use. Made from a unique blend of natural minerals, bonded with a polymer resin, Millboard Decking is one of the most stable, durable and low-maintenance composite decking solutions on the market today.

Millboard Decking is so versatile and consistent that it makes decking possible in a much wider variety of applications than ever before. It has been designed to withstand harsh environments, both coastal and inland, and can be used with confidence in residential homes, as well as commercial and public spaces, including roof terraces, balconies, rainforest retreats, jetties and boardwalks.

The best thing about Millboard Decking, aside from its

stunning appearance and remarkable resemblance to real wood, is how simple and easy it is to install and maintain – just fit and forget!

Best of all, because it contains absolutely no real wood content, it's free from the inevitable and time consuming maintenance associated with using real wood.

Millboard Decking features a non-porous Lastane outer layer, which protects the product against mould and

algae outbreaks, even when used in damp or waterfront applications. The absence of algae and the softness of the Lastane outer layer increases slip resistance, offering an unparalleled anti-slip surface in both wet and dry conditions. Millboard Decking also has self-cleansing properties, making maintenance even easier. The Lastane finish stops food and drink spillages from soaking into the surface, while most debris are removed naturally when it rains.



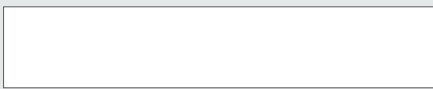
## PROFILES



MBBE 50 x 33 (BULLNOSE) 3.2 metre



MBFB 146 x 18 (FASCIA) 3.2 metre



MBEG 176 x 32 Decking 3.6 metre



MBW 200 x 32 Decking 3.6 metre

 Download the latest CAD files from the product section of [modinex.com.au](http://modinex.com.au)



## MILLBOARD DECKING

Profile Code	Cover (mm)	Thickness (mm)	Max Spans Residential (mm)	Max Spans Commercial (mm)	Coverage Boards per m <sup>2</sup> Installed (incl 4mm gap)	Fixing Durafix Stainless Steel Trimhead	Coppered Oak	Golden Oak	Limed Oak	Carbonised Charred	Smoked Oak	Jarra	Vintage	Carbonised Emburred	Driftwood	Linear metre per m <sup>2</sup>	Weight per m <sup>2</sup>
MBEG 176 x 32	176	32	400	300	1.54	✓	✓	✓	✓	✓	✓	✓	✗	✗	✗	5.68	22kg/m <sup>2</sup>
MBW 200 x 32	200	32	400	300	1.36	✓	✗	✗	✗	✗	✗	✗	✓	✓	✓	5.0	22kg/m <sup>2</sup>
MBFB 146 x 18	146	18	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-
MBBE 50 x 33	50	33	N/A	N/A	N/A	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-
MBP 500ML	N/A	N/A	N/A	N/A	N/A	✗	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-

\*Joist spacing calculations and construction documents shall be prepared by a registered design professional to verify the suitability of the boards and supporting structure to resist necessary forces under varying environmental and physical conditions.

## COLOURS



Coppered Oak   Golden Oak   Limed Oak   Smoked Oak   Jarrah   Vintage   Driftwood   Carbonised Charred   Carbonised Emburred

## Ideal Uses

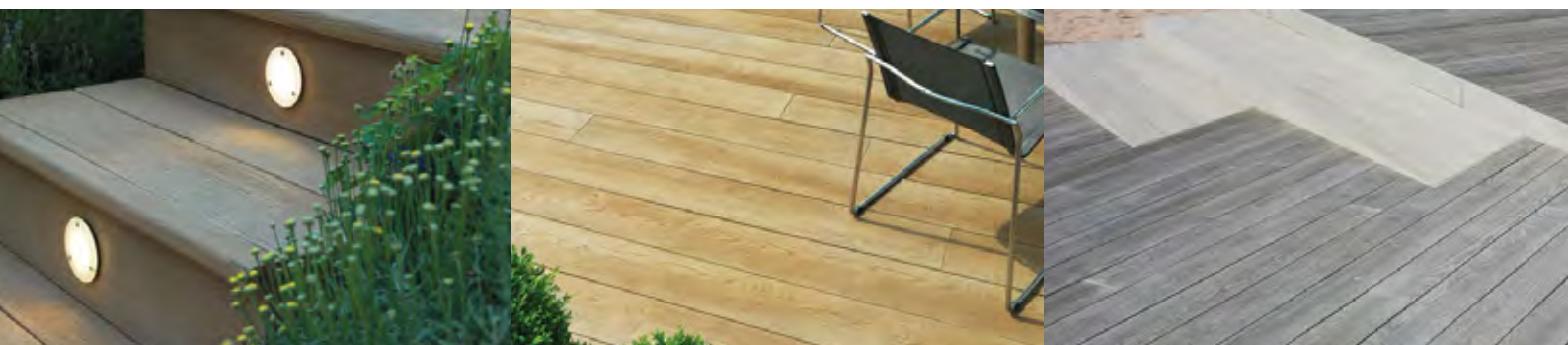


Millboard Decking looks and feels like real timber and is virtually maintenance free – the perfect solution for:

- Wet/pool area
- Public Open Spaces
- Roof Terraces and balconies
- Boardwalks and wetlands
- Schools -play and relaxation areas
- Heavy traffic areas
- Unsheltered Areas
- Residential and Commercial Spaces
- Hotels/bistros
- Harsh Environments
- Body corporate areas
- Mining campsite areas



Acoustics







## There are so many great reasons to choose Millboard Decking



### Maintenance free

Millboard Decking requires no oiling, painting or coating over the life of the product – just keep it clean.



### Invisible face fix

Achieve a perfect finish with invisible face fix.



### High durability

Formulated with a mixture of virgin and recycled high-density polyethylene, which promotes longevity.



### Water resistant

Non-porous finish allows no opportunity for moisture ingress.



### Stain resistant

Non-porous finish stops food and drink spillages from seeping into surface.



### High slip resistance

Excellent grip in both wet and dry conditions. P5/R11 Rating.



### 25 Year Limited Warranty

Guaranteed quality and peace of mind. Visit [modinex.com.au](http://modinex.com.au) for more information.



### Exceptionally quiet underfoot

The Lastane® surface helps deaden footfall and furniture noise, making Millboard the perfect choice for public places and commercial applications.



### Rot and pest resistant

Guaranteed not to rot, split, warp or check. Highly resistant to damage caused by termites and fungal decay.



### Looks like real wood

Product surface features intricate and realistic details, enhancing wood-like appearance.



### Thinking green

Millboard Decking is made using reclaimed and recycled materials. It uses no real wood, keeping trees in forests. All polyurethane material used to make this product has a low environmental impact.

# Frequently Asked Questions



## **What is Millboard Decking made of?**

Millboard Decking core is made from a blend of natural minerals, bonded with a polymer resin, plus added fibres for strength and durability.

## **What colours does Millboard Decking come in?**

Millboard Decking is available in Coppered Oak, Golden Oak, Limed Oak, Smoked Oak, Jarrah, Vintage, Driftwood, Carbonised Emberred and Carbonised Charred.

## **What size and length does Millboard Decking and come in?**

Millboard Decking boards are available in two sizes: 176 x 32 mm and 200 x 32 mm. See Millboard Decking table for more info. Millboard is available in 3.6m long boards.

## **Should I purchase all of my decking material at one time?**

Yes. Purchasing all required decking material at one time is recommended as manufacturing runs can produce slightly different colours. Like most composites, individual Millboard Decking boards will have slight colour variations from piece to piece. Colour variation is not covered by warranty. We recommend purchasing extra material in case boards need to be repaired or replaced in the future.

## **What is the benefit of using solid composite decking over hollow composite decking?**

It is easier to work with a solid product, because it frames like wood and feels more substantial on the deck.

## **What is the difference between Millboard Decking and wood?**

Millboard Decking combines the look of wood with the durability of plastic. Unlike wood decks that require continuous maintenance, there is no need to apply weather protectants or water seal products to Millboard Decking.

## **Why is composite decking more expensive than treated wood?**

Composite decking is more expensive to manufacture. However, over time, the maintenance, repair and/or replacement costs associated with wood outweigh the initial investment in Millboard Decking.

## **How should Millboard Decking be stored and handled?**

You can store them the same way you would store any wood product.





### Does Millboard Decking come with a Warranty?

Yes, our Limited 25 Year Residential Warranty gives you peace of mind against rotting, splitting, twisting and mildew decay. Millboards are hand crafted in the UK. Full details and terms and conditions can be found on our website.

### Why is Millboard Decking virtually maintenance free?

Millboards are manufactured with non porous material, therefore resisting both algae growth and stains. There is no need to use any kind of solvent, chemicals, abrasive cleaners, wax, oil or other household cleaners on Millboards and no need to pressure wash as

dirt does not become ingrained. As the surface texture is non-porous, any dirt and grime may be simply washed off with soapy water and brushed with a broom before rinsing off, just like internal flooring.

### Is all Millboard Decking anti-slip?

Yes, in accordance with BS79.76\* slip resistance tests Millboards lead the industry with their high scoring anti-slip ratings even in wet conditions. \*Equivalent rating P5/R11.

### Are Millboard Decking colours consistent and UV stable?

After an initial stabilisation the Lastane® two-tone finish will remain colour stable.

As with all flooring it is best to buy all you need at one time as batches made may vary slightly. Otherwise we recommend blending different batches.

### Does Millboard Decking mark?

The Lastane® finish is highly resistant to scratches and food and drink stains.

### What fixings should be used to fix Millboards?

Following extensive trials we recommend and supply 'Durafix' self drilling stainless steel screws. There is no need to pre-drill or countersink Millboards and the unique Lastane® material will self-heal leaving a virtually indistinguishable mark for a clean finish.





### **What about winter snow and ice?**

A light application of granulated white salt can be used to help keep your Millboard Decking ice-free, as rock salt can be very abrasive. A spring-clean of soap and water with a soft broom is recommended when winter is over.

### **Can Millboard Decking be used for other applications?**

Millboard Decking is extremely versatile and can be used to create not only beautiful decks, but balconies, roof gardens, boardwalks, planters, bridges, pontoons, seats, steps, and much more besides.

### **Can I put Millboard Decking over concrete?**

Yes. It is possible to install Millboard Decking over concrete. First, check with your local building code authority for specific footing requirements. Standard joist framing is still required. Drainage and ventilation is necessary for best product performance; therefore we recommend shims to level the deck that allows a clear

50mm space between the bottom edge of the joists and the concrete.

### **Can Millboard Decking be cut just like wood?**

Millboard Decking may be cut with a carbon tipped multi-purpose drop saw. Matching colour coating for exposed ends is available in 500ml tins. As the formed end of the board is lost when cut, these can be placed in less visual areas against a wall or edging profile.

### **What joist spacing do you recommend?**

Joist spacing of 400mm is recommended for normal residential and light commercial use. On heavy commercial bridges, balconies, moorings, doorways and steps, use 300mm spacing. If you need to cut the Millboard down along its length, then reduce the joist centres accordingly. A minimum of 3 joists are required for any cut boards. All Millboards are reinforced for additional strength. For laying 45° to the joist we recommend max 300mm centres and 240mm on commercial applications.

Please refer to our full installation guide via our website [www.modinex.com.au](http://www.modinex.com.au)

### **How do I finish the edging detail?**

We recommend that our purpose made edging is fitted at steps, and bullnosed or fascia boards at edges of decking to complement the aesthetic finish and performance of your deck. Fascia boards and edging come in rigid as standard, however flexible boards and edges are also available and can be curved to follow a maximum convex diameter of 3 metres.

### **Can I request a sample of Millboard Decking?**

Yes. One can request a sample kit from the particular product page on our website [www.modinex.com.au](http://www.modinex.com.au).

### **What if I have more questions?**

Please log on to [www.modinex.com.au](http://www.modinex.com.au) or call our team on 1800 156 455. We will be only too pleased to help you.



# Not yet convinced on composites?

## Get confident by becoming composite competent.

Modinex offers Australia's largest range of high-performing composite products made out of the best fine wood waste and plastics, using the latest technology.



### Here's what to look for:

- ✓ A comprehensive guarantee
- ✓ Choice of colours and finishes
- ✓ A uniform look through smaller wood fibres
- ✓ Low moisture and decay resistant being dense with high talc concentration
- ✓ Low thermal expansion
- ✓ Secret fixing system
- ✓ High-impact resistant
- ✓ Dimensional and directional stability with low expansion and contraction
- ✓ UV and fade resistant
- ✓ Handles temperature fluctuations
- ✓ Non-rot and pest resistant
- ✓ Non-staining
- ✓ Inherent microbiological properties

### Composites cut costs



#### Time & Cost

Time and cost savings during construction through quick installation and less overheads (e.g. scaffolding, tradesmen labour and painting costs).



#### Durable

The long-lasting, durable nature of composite cladding and extended service life ensures the greatest payback on investment.



#### Energy Efficient

Long-term building performance and energy efficiency.



#### Low Maintenance

Minimal to no ongoing maintenance. Consideration needs to be given to overall cost savings of no maintenance materials, labour, scaffolding and access restrictions over a long period.

Further product information and downloads for Millboard Decking are available at [modinex.com.au](https://www.modinex.com.au)



Installation Instructions



Product Care



CAD files



Technical Information



Visit Millboard Decking page for more information



## Like what you see?

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