

About Millboard decking



A closer look

Millboard decking uses a unique material, unrivalled across the globe. Take a closer look at the construction and performance of this stunning yet functional decking.



Tough

The unique Lastane layer is more resistant to scratches and stains and is designed to better withstand demanding outdoor environments.

Enduring

The dual-tone Lastane surface is hand tinted using pigments designed to improve resistance to sun damage and fading.

Safer

Millboard decking is wood-free and non-porous which, in comparison to timber, means good resistance to algae growth and excellent slip resistant properties.

Beautiful

Each length is hand moulded using specially selected timber masters for an unrivalled organic wood-grain appearance in a composite material.

Durable

Millboard will not split, rot or harbour insects like timber does.

Stronger

The structural core is a blend of natural minerals bonded in a polymer resin with renewable biopolymers and fibre reinforcement for added strength and durability.

Lighter

Our unique closed 'cellular' internal structure reduces weight while maintaining strength.

Millboard decking provides the aesthetic and natural beauty of real wood, without the associated shortcomings. The polyurethane core provides structural durability and strength and eliminates the risk of rotting, warping and core material deterioration.

The resin core is reinforced with fibre for additional strength, stability and reassurance and features renewable biopolymers. The Lastane surface is pliable and provides high slip-resistance compared to timber, even in wet conditions.

Crafted to be perfectly imperfect

Each length of Millboard deck is the result of a long process of craftsmanship and attention to visual detail. Just like the specially selected Oak timbers used to create the unique moulds, the fine details and natural imperfections in the original material has to be recreated in the super durable Millboard product.

From the initial laying of the Lastane surface, right through to the pouring of the fibre-reinforced resin mineral, we focus on achieving the quality of finish, reflecting the true random and natural characteristics of the original timber. Our mission is to accurately reproduce the original whilst adding all the benefits of our unique board technology, this is why many of our processes are carried out manually. For example, each piece is hand coloured to establish the authentic wood finish our boards are renowned for.

We have great respect for the skilled eye of an artist and are therefore committed to the hand colouring system. The resulting true-to-life shades speak for themselves.

Every step of your decking's journey is characterised by Millboard's artisan methods.



Why choose Millboard decking?



Algae resistant

More resistant to algae growth than natural timber.



High slip-resistance

Lower slip potential than timber due to the pliable Lastane layer.



Natural wood look

Moulded from selected timber for an organic, realistic wood-grain appearance



Recycled materials

Recycled materials and renewable biopolymers are used within our boards.



Easy to install

Can be cut and installed easily when following product guides.



Hand moulded and coloured

Skilfully hand-crafted to ensure a high quality, premium product.



Moisture resistant

Due to the non-porous composition, no sealing is required.



Low maintenance

No staining or oiling. Only seasonal cleaning required



Soft-touch surface

Unique Lastane layer means no splinters on the surface.



Integrated UV stabilisers

UV stabilised for better performance and fade resistance over time.



'Lost head' fixings

Durafix fixings are virtually hidden beneath the unique Lastane surface.



Wood free

Non-timber composition prevents rot, warping and insect infestation.

Weathered Oak Driftwood

Our Driftwood boards have the incomparable look of sea-washed timber. Driftwood's subtle hue and characterful texture create an easy, relaxed style, ideal for laid-back coastal living.

Reminiscent of tidal landscapes, Driftwood creates a bohemian, escapist getaway and works perfectly alongside swimming pools and outdoor features.

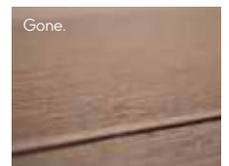
Board size	200 x 3600 x 32mm
Coverage	1.36 boards per m ²
Product code	MDW200D



Subframe
See page 60



'Lost-head' fixings
See page 85



Product samples
See page 94



(200mm width)

Discover more about Driftwood:
millboard.co.uk/driftwood

Find an Approved Installer or Premier Distributor:
millboard.co.uk/locator



Weathered Oak

Product specification sheet



Wood Free



Integrated UV Stabilisers



Hand moulded & coloured



Natural wood look



Integrated Lastane layer



'Lost-head' fixings



High slip-resistance



Recycled materials

Weathered Oak Board Details

Surface Composition:

Resilient Lastane layer chemically melded to the core, with a UV stable 2K coating.



Core Composition:

Blend of natural minerals bonded in a polymer resin, with long fibre reinforcement.

Weight:

12.9kg per board

Coverage:

1.36 boards per m²

Dimensions:

200mm (W) x 3600mm (L) x 32mm (D)

Available colours:



Driftwood
MDW200D



Vintage
MDW200V



Embered
MDW200R

Working Specification

For all applications we recommend a 4mm space between the sides of boards (or 6mm if using the DuoFix side-fixing guide) and 1mm gap at the ends on butt joints. A 10mm gap should be left between the boards and any abutting vertical surface to facilitate drainage.

The maximum unsupported overhang for the boards is 50mm and each cut board must be supported by a minimum of three joists. Where a board crosses a joist, two Durafix fixings will be needed. At the end of the boards, we'd recommend three Durafix fixings

Residential applications

2.5kN/m² uniform distribution load

Joists must support boards at 400mm centres if boards are at 90° to joists, if boards are at 45° then joists needs to be set at 300mm centres

Commercial applications

5kN/m² uniform distribution load

Joists must support boards at 300mm centres if boards are at 90° to joists, if boards are at 45° then joists need to be set at 240mm centres.

Weathered Oak Accessories



Durafix fixings

Material: A2 Stainless Steel
Size: 4.5 x 35mm
Pack Quantity: 100
Code: FT35P100
Use: Fastening Fascia boards

Size: 4.5 x 45mm
Pack Quantity: 250
Code: FT45P250
Use: Fastening decking onto Plas-Pro or DuoSpan

Size: 4.5 x 60mm
Pack Quantity: 250
Code: FT60P250
Use: Fastening decking onto timber



Fascia board

Width: 146mm
Length: 3600mm
Depth: 16mm
Weight: 6.1kg
Coverage: 1.85 boards per m²

Construction: Polymer resin core/
Elastomer surface layer

Driftwood: MFN360D
Vintage: MFN360V
Embered: MFN360R



Bullnose board

Width: 150mm
Length: 3600mm
Depth: 32mm
Weight: 9.3kg

Construction: Polymer resin core/
Elastomer surface layer

Driftwood: MEBB360D
Vintage: MEBB360V
Embered: MEBB360R

Board Performance

Test*	Standard	Result
Flexural strength	ISO 14125	12.8 (Mpa)
Ultimate Load at 400mm span	ISO 14125	4,325 (N)
Ultimate Load at 300mm span	ISO 14125	5,901 (N)
Slip resistance in the wet	BS 7976-2	41 (PTV)
Slip resistance in the dry	BS 7976-2	54 (PTV)

*Test reports available on request

Subframes & fixings

To view the complete range of Weathered Oak products available please visit our website:
www.millboard.com/en-gb/composite-decking-collections/weathered-oak/embered/MDW200R

[View Accessories](#)

The information in this document was correct at the time of going to print, due to our culture of continuous improvement we reserve the right to change the information at any time without prior notice should further tests reveal different results.

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Company registered No. 06061316 VAT No. 980 616602 Edition: 2024 v1.0

