

millboard®

Cladding



Millboard Envello Cladding is inspired by the beauty of nature but is built to outperform it. It is moulded from selected timbers making it look exceptionally like real wood, whilst avoiding the on-going maintenance associated with natural or wood based products.

The hand colouring of each board recreates the subtle nuances that only natural wood can give. The moulded profiles reduce labour and wastage yet retain the effect of individual boards.

Millboard Envello Cladding

Available in two profiles and a wide range of colours, our cladding provides the assurance of UV resistance and eliminates the risk of warping, twisting or rotting. The cladding has been hand-moulded from carefully selected natural timbers, to provide an unmistakably organic look.

From the smooth finish of the Shadow Line profile to the pleasing grain variance of the Board and Batten, there's a Millboard Envello Cladding profile for every property type. Years of development means this product is perfectly designed to stand the test of time and to require minimal maintenance. In fact, the distinctive chamfered cut of the profiles enables the rain to wash the boards, dramatically reducing the need for manual cleaning.

The boards lock together with a specially designed tongue and groove for added rigidity and increased installation speed. The tongue and groove has been profiled with a relief angle to allow the boards to curve when used vertically, as well as limiting the passage of air and water through the system. The tongue of the board features a notch which the fixings are aligned with, the next board then covers over the fixing creating a clean finish.

Both profile of boards can be installed horizontally or vertically, depending on the nature of the design



Resistant to decay

Unlike timber the boards will not suffer from fungal decay or algae growth.



Does not warp or rot like wood

No timber content that will rot/warp or be eaten by woodworm/termites.



Environmentally friendly

Base materials have low impact on global warming and ozone depletion.



Lightweight

Easier to handle and install.



UV and weathering stability

The cladding features a UV stable coating to resist fading.



Low maintenance

Non-porous material requires no sealing or painting/staining.



Low carbon footprint

Independently and UKAS accredited to the ISO 14064-1 Verified Carbon Footprint Assurance Mark.



Moulded from real oak

Not extruded or pressed like other cladding products.



Easy to install

No specialist tools needed for the install.



No leeching or staining

Unlike timber, there is no leeching or releasing of tannins to other surfaces.



Board and Batten in Antique Oak

Millboard Envello Board and Batten

The Board and Batten has been moulded from four individual pieces of timber with different widths and grain patterns, creating a truly unique balance for both contemporary and traditional designs. With a tongue and groove profile that only requires fixings through the tongue, the install time is dramatically reduced compared to the traditional method of batten-on-board cladding with timber. The profiles on the Board and Batten are designed with differing angles to create shadow definition between the grain patterns, as well as facilitating drainage when used horizontally. The increased thickness of the Board and Batten provides superior impact resistance.

Profile	Board and Batten
Length	3200mm
Width	200mm
Thickness	28mm
Width installed	181mm
Boards per m ²	1.73 boards

Antique Oak Golden Oak Burnt Cedar Smoked Oak





Shadow line in Golden Oak

Millboard Envello Shadow Line

The Shadow Line board has been designed to perfectly replicate smooth timber with a flat grained finish, giving a clean authentic look. The increased width of the Shadow Line board compared to standard timber boards means that there is larger grain detail. This gives an enhanced visual impact, without the risk of the board twisting or warping over time. The Shadow Line board has been profiled with oblique angles to prevent water collecting between two profiles, as well as helping rain water wash over the face of the cladding. The indent created between boards gives visual definition to the individual grain patterns.

Profile	Shadow Line
Length	3600mm
Width	200mm
Thickness	18mm
Width installed	181mm
Boards per m ²	1.53 boards

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millboard.co.uk

The Millboard Company Ltd
UK Head Office
Castle Court
Bodmin Road
Coventry CV2 5DB

T +44 (0) 24 7643 9943
F +44 (0) 24 7661 1668
E enquiries@millboard.co.uk

Company registered No. 06061318
VAT No: 980 616602

