

The Envello Collection





◀ **Envello**
Shadow Line+
Golden Oak



◀ **Envello**
Board & Batten+
Antique Oak

Envello Cladding

Envello cladding has been hand-moulded from carefully selected natural timbers and hand-coloured by our master craftsmen, Envello provides an unmistakably organic look that only requires an occasional clean to preserve its beauty.

From the clean finish of the Shadow Line⁺ to the profiled grain variance of the Board & Batten⁺, there's an Envello Cladding option for every property type. Years of development means this product is designed to stand the test of time.

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. The distinctive chamfered cut of the profiles also enables the rain to naturally clean the boards, reducing the need for manual cleaning or treatment.

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



Hand moulded and coloured

Skilfully moulded by hand and authentically coloured, replicating timber in the most realistic way.



Impact and weather resistant

A durable coating and elastomeric surface ensures increased resilience against hail and natural weathering.



Moisture resistant

Due to Envello's non-porous composition, no sealing is required, unlike other available products.



Easy to install

No specialist tools required, Envello can be cut and installed in the same way as traditional timber.



UV stability

UV stabilised for better performance and fade resistance over time.



Wood free

Envello is solid, not hollow, making it strong. This means it will not rot or warp like timber.



Increased thermal performance

The unique composition helps to enhance the thermal performance of buildings in both winter and summer.



Fire rated system

Certified to Euroclass D rating (BS EN 13501-1) by a UKAS accredited laboratory, when fitted in accordance with our installation guide.

Perfectly Imperfect

Each length of Millboard Envello cladding 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 timber has been recreated to be highly durable.

From the initial laying of the elastomeric 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 passion is to accurately reproduce the original whilst adding to 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.

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

Enduring
The dual-tone surface layer is hand coloured using pigments designed to improve resistance to sun damage and fading.

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

Fire rated
Shadow Line+ and Board and Batten+ are both fire rated to Euroclass D (BS EN 13501-1) for added assurance and quality.

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

Lightweight
Our unique closed 'cellular' internal structure reduces weight while maintaining strength and increasing thermal performance.

Wood free
Millboard cladding is wood-free and non-porous which, in comparison to timber, means there's no leaching or releasing of tannins to other surfaces.

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.



▶ Envello
Shadow Line+
Antique Oak

Envello Shadow Line+

The grooved profile created between boards gives visual definition to the individual grain patterns

Shadow Line+ 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.

Shadow Line+ has been developed with enhanced properties and a fire classification. Tested to the rigorous demands of BS EN 13501-1, the Shadow Line+ system achieves a classification of Euroclass D.

The fire rating also includes the accessory items through a full system build-up, including the Reveal boards, Corner profiles and fixings. The formulation of the Shadow Line+ still continues the unique overall Millboard composition of a resin mineral mix, however has now been specially formulated to achieve the fire rating.



▲
Burnt Cedar
Shadow Line+

▲
Antique Oak
Shadow Line+

▲
Golden Oak
Shadow Line+

▲
Smoked Oak
Shadow Line+

▲
Limed Oak
Shadow Line+





▶ Envello
Shadow Line+
Burnt Cedar



Envello Shadow Line⁺

Cross Sections



Cladding Board



Fascia/Reveal Board



External Corner Profile



Internal Corner Profile

Board dimensions

Length	3600mm
Width	200mm
Thickness	18mm
Installed Width	181mm (19mm overlap)
Board per m ²	1.53 boards*

*When installed



▲
Envello
 Shadow Line+
 Antique Oak



▲ **Envello**
 Shadow Line+
 Smoked Oak

Corner Profiles and Fascia/Reveal Boards add distinction to corners of buildings, window and door reveals, soffits and much more. Our trims are specially selected to fit our profile, for a cleaner look and a faster, easier install.



5mm



◀ **Envello**
 Shadow Line+
 Smoked Oak and
 Coloured Head Screws



Envello Board & Batten+

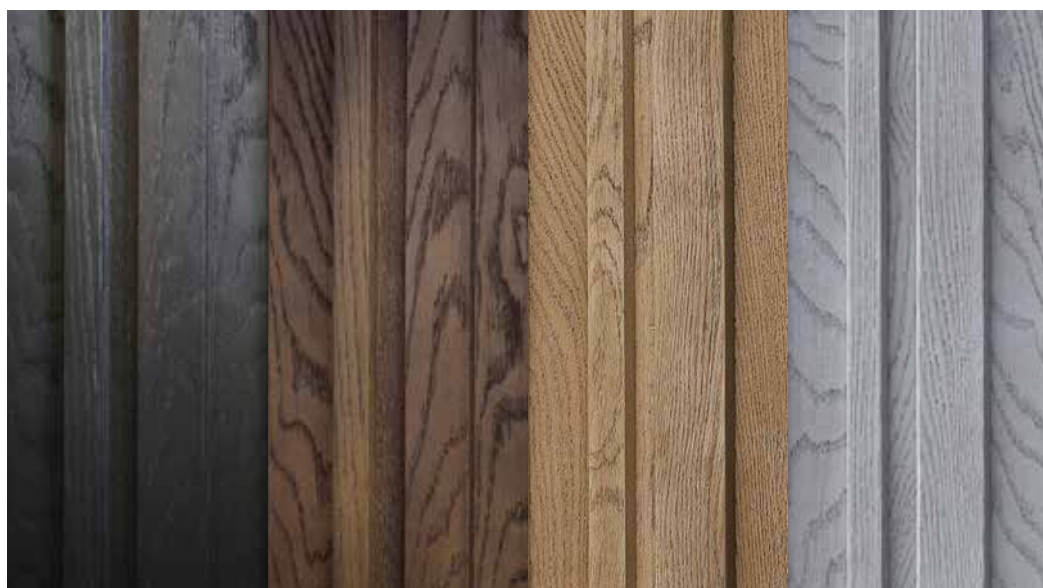
A truly unique balance for both contemporary and traditional designs

Our Board & Batten+ collection has been moulded from individual pieces of timber with a range of different masters, 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 timber batten-on-board cladding.

The profiles on the Board & Batten+ are designed with differing angles to create shadow definition between the grain patterns, as well as facilitating drainage when used horizontally.

Board & Batten+ has been developed with enhanced properties and a fire classification. Tested to the rigorous demands of BS EN 13501-1, the Board & Batten+ system achieves a classification of Euroclass D.

The fire rating also includes the accessory items through a full system build-up, including the Reveal boards, Corner profiles and fixings. The formulation of the Board & Batten+ still continues the unique overall Millboard composition of a resin mineral mix, however has now been specially formulated to achieve the fire rating.



▲
Burnt Cedar
Board & Batten+

▲
Antique Oak
Board & Batten+

▲
Golden Oak
Board & Batten+

▲
Smoked Oak
Shadow Line+

Envello Shadow Line⁺

Cross Sections



Cladding Board



Fascia/Reveal Board



Square corner trim

Board dimensions

Length	3600mm
Width	200mm
Thickness	26mm
Installed Width	181mm (19mm overlap)
Board per m2	1.53 boards*

*When installed



► **Envello**
Board & Batten⁺
Burnt Cedar

► **Millboard Decking**
Enhanced Grain
Antique Oak

▼ **Envello**
Board & Batten+
Smoked Oak



Add a finishing touch to your Envello cladding project. Our specially designed wood-look edging trims provide a seamless continuation to any corner, making your whole project come together.



► **Envello**
Board & Batten+
Golden Oak





Forté Showrooms

Visit one of our selected showrooms to experience the true beauty of Millboard decking and cladding and witness the endless design possibilities that you can achieve with Millboard products.

AUCKLAND

0508 35 66 77
auckland@forte.co.nz
299 Great North Road,
Grey Lynn, Auckland 1021

Appointments Recommended

PUKEKOHE

0508 35 66 77
info@forte.co.nz
3 Keith Place,
Pukekohe, Auckland 2120

Appointments Recommended

CHRISTCHURCH

0508 35 66 77
christchurch@forte.co.nz
93 Manchester Street,
Christchurch 8011

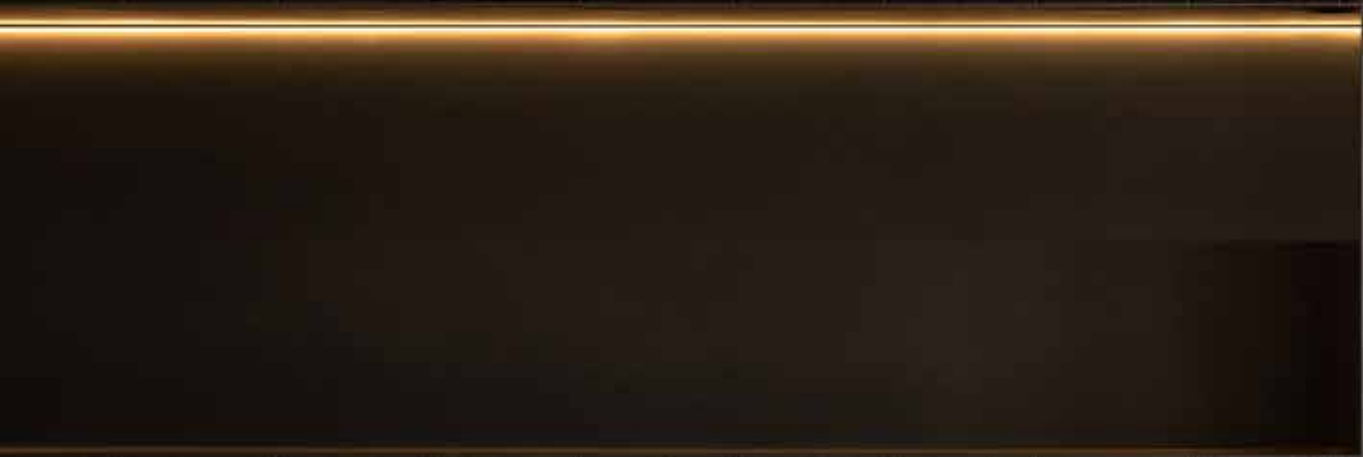
Appointments Recommended

QUEENSTOWN

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179 Glenda Drive, Frankton,
Queenstown 9371

Appointments Recommended

► Envello
Shadow Line
Bumt Cedar



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