

Envello Board & Batten⁺

Product specification sheet

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Hand moulded
& coloured
- 

Weather
and impact
resistant
- 

Wood
free
- 

Moisture
resistant
- 

Natural
wood look
- 

Increased
thermal
performance
- 

Easy to
install
- 

Fire rated
system*

*When fitted in accordance to our installation guides

Board & Batten⁺ Board Details

Surface Composition:

Fire rated elastomer 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.

Available colours:

- 

Limed Oak
MCBF360L
- 

Burnt Cedar
MCBF360R
- 

Anthracite
MCBF360X
- 

Antique Oak
MCBF360A
- 

Coppered Oak
MCBF360C
- 

Golden Oak
MCBF360G
- 

Smoked Oak
MCBF360D
- 

Jarrah
MCBF360J

Fire Performance

Millboard Envello Board & Batten⁺ cladding boards are crafted with fire retardants in the board composition, they have been tested to BS EN 13501-1 and have a classification of D-s3, d0. In general, Board & Batten⁺ cladding can be used on low-rise residential and some commercial properties that are below 11m in height and are more than 1m from the boundary. The responsibility for the cladding's suitability in the required location is to be determined by a certified building professional (building control, building insurance, fire officer, etc).

Test*	Standard	Result
Fire performance	BS EN 13501-1	D-s3, d0
Wind load	CWCT/BS EN 13116	Pass
Thermal conductivity	-	0.093 (W/mK)
Flexural strength	ISO 14125	10.21 (Mpa)
Ultimate load at 600mm span	ISO 14125	1,568 (N)
Ultimate load at 400mm span	ISO 14125	2,376 (N)

*Test reports available on request.

Board & Batten⁺ Accessories



Envello Square Corner Trim

Width: 50mm
Length: 3050mm
Depth: 50mm
Weight: 9.1kg

Construction: Fire rated flexible polymer system

Anthracite: MCPTF50X
Antique Oak: MCPTF50A
Burnt Cedar: MCPTF50R
Coppered Oak: MCPTF50C
Golden Oak: MCPTF50G
Jarrah: MCPTF50J
Limed Oak: MCPTF50L
Smoked Oak: MCPTF50D



Envello Reveal Board

Width: 146mm
Length: 3600mm
Depth: 16mm
Weight: 6.4kg

Construction: Polymer resin core
Fire rated elastomer surface layer

Anthracite: MCR146X
Antique Oak: MCR146A
Burnt Cedar: MCR146R
Coppered Oak: MCR146C
Golden Oak: MCR146G
Jarrah: MCR146J
Limed Oak: MCR146L
Smoked Oak: MCR146D



Envello Coloured Head Screws

Size: 3.5 x 40mm
Weight: 0.2kg per box
Material: A2 Stainless Steel
Pack Quantity: 100

Anthracite: FC40P100X
Antique Oak: FC40P100A
Burnt Cedar: FC40P100R
Coppered Oak: FC40P100C
Golden Oak: FC40P100G
Jarrah: FC40P100J
Limed Oak: FC40P100L
Smoked Oak: FC40P100D



Tholin is reseller van Millboard. We werken hiervoor samen met ons netwerk van zorgvuldig gekozen partners: allemaal duurzame en innovatieve bedrijven met een oog voor detail. Natuur, mens en product komen in ons netwerk samen. We werken met partners door heel Nederland aan kwalitatief hoogstaande, eigentijdse en bovenal duurzame bouwprojecten.