

Envello Board & Batten⁺

Product specification guide



Hand molded
& colored



Weather
and impact
resistant



Wood
free



Moisture
resistant



Natural
wood look



Increased
thermal
performance



Easy to
install

Board & Batten⁺ Board Details

Surface Composition:

Elastomer surface chemically melded to the core, with a UV stable 2K coating.



Core Composition:

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

Available colors:



Limed Oak
MCBF360L



Burnt Cedar
MCBF360R



Antique Oak
MCBF360A



Golden Oak
MCBF360G



Smoked Oak
MCBF360D



Jarrah
MCBF360J

Weight:

18.3lb per board
(8.3kg)

Coverage:

0.14 boards per sq. ft
(1.53 boards per sq. m)

Dimensions:

1" (T) x 7⁷/₈" (W) x 141³/₄" (L)

26mm (T) x 200mm (W) x 3600mm (L)

Fire Performance

Board & Batten⁺ can be installed either horizontally or vertically, depending on the building design. It is installed in a similar way to tongue and groove wood siding, with a fastener through the tongue. The groove of the next board then covers the head of the fastener. The fasteners need to be external grade and be the correct size for code compliance. We recommend using a drainable housewrap between sheathing and siding, to help allow the free flow of moisture behind the boards. Alternatively, furring strips can be used to provide the gap behind the boards.

Test*	Standard	Result
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: 2" (50mm)
Thickness: 2" (50mm)
Length: 120" (3050mm)
Weight: 20lb (9.1kg)
Construction: Flexible polymer system

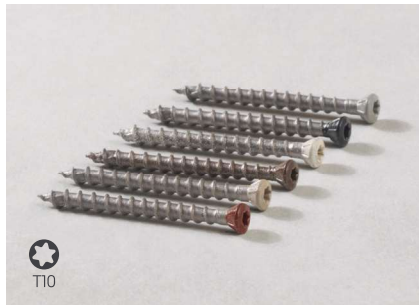
Antique Oak: MCPTF50A
Smoked Oak: MCPTF50D
Golden Oak: MCPTF50G
Burnt Cedar: MCPTF50R
Limed Oak: MCPTF50L
Jarrah: MCPTF50J



Envello Reveal Board

Width: 5³/₄" (146mm)
Thickness: 5/₈" (16mm)
Length: 141³/₄" (3600mm)
Weight: 14.1lb (6.4kg)
Construction: Polymer resin core
Fire rated elastomer
surface layer

Antique Oak: MCR146A
Smoked Oak: MCR146D
Golden Oak: MCR146G
Burnt Cedar: MCR146R
Limed Oak: MCR146L
Jarrah: MCR146J



Envello Colored Head Screws

Size: #6 x 1⁵/₈" (3.5 x 40mm)
Weight: 0.4lb per box
Material: A2 Stainless Steel
Pack Quantity: 100

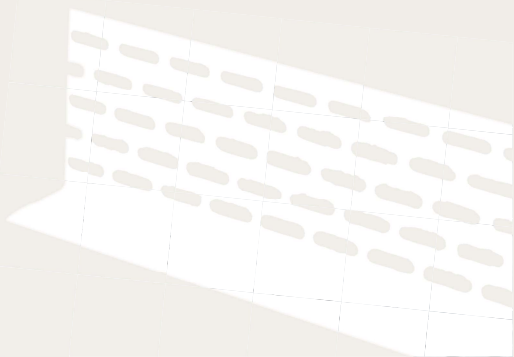
Antique Oak: FC40P100A
Smoked Oak: FC40P100D
Golden Oak: FC40P100G
Burnt Cedar: FC40P100R
Limed Oak: FC40P100L
Jarrah: FC40P100J

Other Accessories and Products

Aluminum trims and screws

To view the complete range of Envello Board & Batten+ products available please visit our website: www.millboard.com/cladding-accessories

[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.