

Envello Board & Batten⁺

Product specification sheet



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.

Weight:

8.3kg per board

Coverage:

1.53 boards per m²

Dimensions:

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

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: MCRI46X
 Antique Oak: MCRI46A
 Burnt Cedar: MCRI46R
 Coppered Oak: MCRI46C
 Golden Oak: MCRI46G
 Jarrah: MCRI46J
 Limed Oak: MCRI46L
 Smoked Oak: MCRI46D



Envello Coloured Head Screws

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

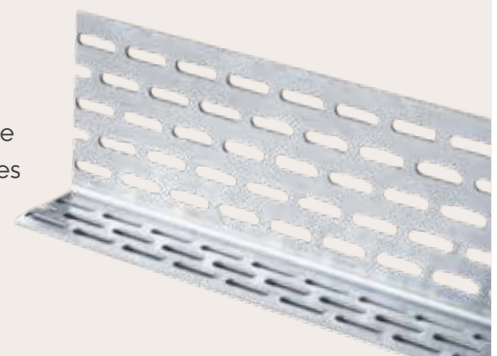
Anthracite: FC40P100X
 Antique Oak: FC40P100A
 Burnt Cedar: FC40P100R
 Coppered Oak: FC40P100C
 Golden Oak: FC40P100G
 Jarrah: FC40P100J
 Limed Oak: FC40P100L
 Smoked Oak: FC40P100D

Other Accessories and Products

Aluminium trims and fixings

To view the complete range of Envello Board & Batten⁺ products available please visit our website: <https://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.

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