

Envello Shadow Line⁺

Product specification guide



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 install guides

Shadow Line⁺ 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

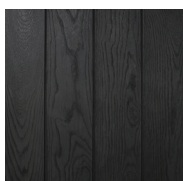
Dimensions:

200mm (W) x 3600mm (L) x 18mm (D)

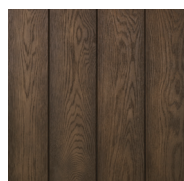
Available colours:



Limed Oak:
MCL360L



Burnt Cedar:
MCL360R



Antique Oak:
MCL360A



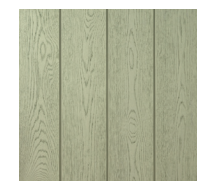
Golden Oak:
MCL360G



Smoked Oak:
MCL360D



Salt Blue:
MCL360T



Sage Green:
MCL360N

Fire Performance

Millboard Envello Shadow Line⁺ 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, Shadow Line⁺ 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	-	0.108 (W/mK)
Flexural strength	ISO 14125	19.1 (Mpa)
Ultimate load at 600mm span	ISO 14125	1,885 (N)
Ultimate load at 400mm span	ISO 14125	2,038 (N)

*Test reports available on request.

Shadow Line+ Accessories

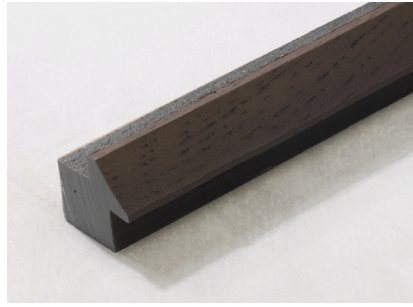


Shadow Line+ External Corner Profile

Width: 50mm
Length: 3050mm
Depth: 50mm
Weight: 7.1kg

Construction: Fire rated flexible polymer resin

Antique Oak: MCFE50A
Smoked Oak: MCFE50D
Golden Oak: MCFE50G
Burnt Cedar: MCFE50R
Limed Oak: MCFE50L
Salt Blue: MCFE50T
Sage Green: MCFE50N



Shadow Line+ Internal Corner Profile

Width: 38mm
Length: 3050mm
Depth: 38mm
Weight: 4.1kg

Construction: Fire rated flexible polymer resin

Antique Oak: MCFH38A
Smoked Oak: MCFH38D
Golden Oak: MCFH38G
Burnt Cedar: MCFH38R
Limed Oak: MCFH38L
Salt Blue: MCFH38T
Sage Green: MCFH38N

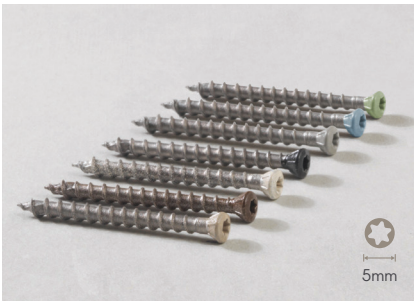


Envello Reveal Board

Width: 146mm
Length: 3600mm
Depth: 16mm
Weight: 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
Salt Blue: MCR146T
Sage Green: MCR146N



Envello Coloured Head Screws

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

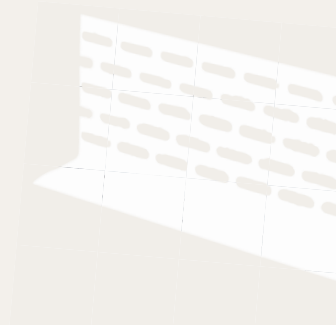
Antique Oak: FC40P100A
Smoked Oak: FC40P100D
Golden Oak: FC40P100G
Burnt Cedar: FC40P100R
Limed Oak: FC40P100L
Salt Blue: FC40P100T
Sage Green: FC40P100N

Other Accessories and Products

Aluminium trims and fixings

To view the complete range of Envello Shadow Line+ products available please visit our website: millboard.co.uk/cladding/edging-trims-fascia

[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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