

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 installation 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

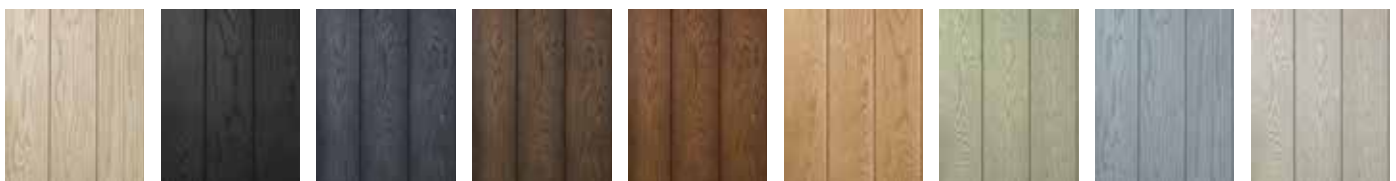
Coverage:

1.53 boards per m²

Dimensions:

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

Available colours:



Limed Oak:
MCL360L

Burnt Cedar:
MCL360R

Anthracite:
MCL360X

Antique Oak:
MCL360A

Coppered Oak:
MCL360C

Golden Oak:
MCL360G

Sage Green:
MCL360N

Salt Blue:
MCL360T

Smoked Oak:
MCL360D

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

Anthracite: MCFE50X
 Antique Oak: MCFE50A
 Burnt Cedar: MCFE50R
 Coppered Oak: MCFE50C
 Golden Oak: MCFE50G
 Limed Oak: MCFE50L
 Sage Green: MCFE50N
 Salt Blue: MCFE50T
 Smoked Oak: MCFE50D



Shadow Line+

Internal Corner Profile

Width: 38mm
 Length: 3050mm
 Depth: 38mm
 Weight: 4.1kg
 Construction: Fire rated flexible polymer resin

Anthracite: MCFH38X
 Antique Oak: MCFH38A
 Burnt Cedar: MCFH38R
 Coppered Oak: MCFH38C
 Golden Oak: MCFH38G
 Limed Oak: MCFH38L
 Sage Green: MCFH38N
 Salt Blue: MCFH38T
 Smoked Oak: MCFH38D



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
 Limed Oak: MCR146L
 Sage Green: MCR146N
 Salt Blue: MCR146T
 Smoked Oak: MCR146D



Envello Coloured Head Screws

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

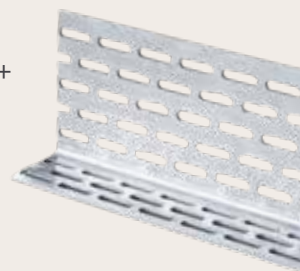
Anthracite: FC40P100X
 Antique Oak: FC40P100A
 Burnt Cedar: FC40P100R
 Coppered Oak: FC40P100C
 Golden Oak: FC40P100G
 Limed Oak: FC40P100L
 Sage Green: FC40P100N
 Salt Blue: FC40P100T
 Smoked Oak: FC40P100D

Other Accessories and Products

Aluminium trims and fixings

To view the complete range of Envello Shadow Line+ 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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