

## Envello Shadow Line<sup>+</sup>

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<sup>+</sup> 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 m<sup>2</sup>

#### Dimensions:

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

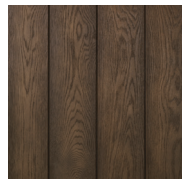
#### Available colours:



Lined 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<sup>+</sup> 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<sup>+</sup> 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

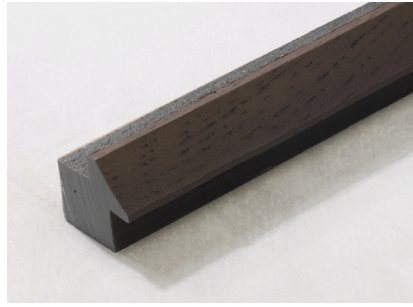


### Shadow Line+ External Corner Profile

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

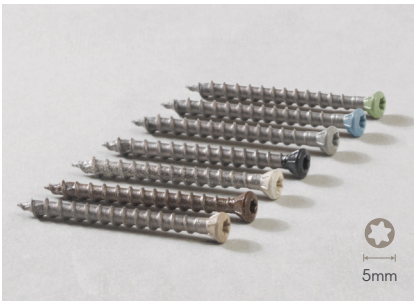


### Envello Reveal Board

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

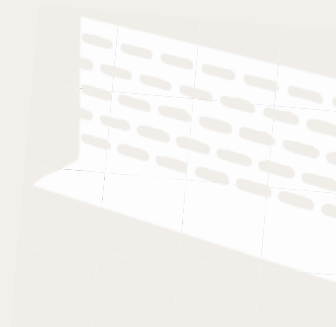
Antique Oak: FC40P100A  
Smoked Oak: FC40P100D  
Golden Oak: FC40P100G  
Burnt Cedar: FC40P100R  
Limed Oak: FC40P100L  
Salt Blue: FC40P100T  
Sage Green: FC40P100N

## 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](http://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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