

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

## Product specification guide

### 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.

#### Dimensions:

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

#### Weight:

8.3kg per board

#### Coverage:

1.53 boards per m<sup>2</sup>



Hand moulded and coloured



Impact and weather resistant



Wood free



Moisture resistant



Increased thermal performance



Easy to install



UV stability



Fire rated system

When fitted in accordance to our install guides



**Limed Oak:**  
MCL360L



**Burnt Cedar:**  
MCL360R



**Antique Oak:**  
MCL360A



**Golden Oak:**  
MCL360G



**Smoked Oak:**  
MCL360D

### 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).

Millboard will not be held responsible for incorrect specification, application, or product installation in areas not in accordance with government guidance, in the UK or abroad. Current guidance should be gained from the government website relating to the geographical project location, England's building regulation Approved Document B can be found on - <https://www.gov.uk/government/publications/fire-safety-approved-document-b>

### Thermal Conductivity

Envello Shadow Line/Shadow Line<sup>+</sup> Cladding, Lambda Value Thermal Conductivity (W/mK): 0.108

## 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



### 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



### 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



### Envello Coloured Head Screws

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

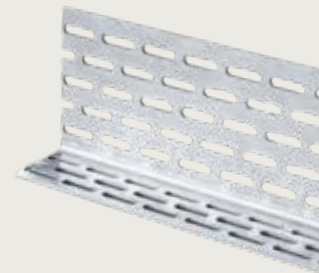
Antique Oak: FC40P100A  
 Smoked Oak: FC40P100D  
 Golden Oak: FC40P100G  
 Burnt Cedar: FC40P100R  
 Limed Oak: FC40P100L

## 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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