

Envello Shadow Line⁺

Product specification guide



Hand molded & colored



Weather and impact resistant



Wood free



Moisture resistant



Natural wood look



Increased thermal performance



Easy to install

Shadow Line⁺ Board Details

Surface Composition:

Elastomer surface chemically melded to the core, with a UV stable 2K coating.



Core Composition:

Blend of natural minerals bonded in a polymer resin, with long fiber reinforcement.

Available colors:



Lined Oak:
MCL360L



Burnt Cedar:
MCL360R



Antique Oak:
MCL360A



Golden Oak:
MCL360G



Smoked Oak:
MCL360D



Salt Blue:
MCL360T



Sage Green:
MCL360N

Weight:

18.3lb per board
(8.3kg)

Coverage:

0.14 boards per sq. ft
(1.53 boards per sq. m)

Dimensions:

$\frac{3}{4}$ " (T) x $\frac{7}{8}$ " (W) x $141\frac{3}{4}$ " (L)
18mm (T) x 200mm (W) x 3600mm (L)

Installed Width:

$\frac{7}{8}$ "
(181mm)

Installation

Shadow Line⁺ can be installed either horizontally or vertically, depending on the building design. It is installed in a similar way to tongue and groove wood siding, with a fastener through the tongue. The groove of the next board then covers the head of the fastener. The fasteners need to external grade and be the correct size for code compliance. We recommend the use of a drainable housewrap to be used in between sheathing and siding, to help allow the free flow of moisture behind the boards. Alternatively, furring strips can be used to provide the gap behind the boards.

Test*	Standard	Result
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

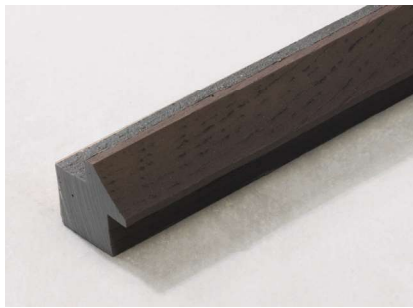


Shadow Line⁺

External Corner Profile

Width: 2" (50mm)
Thickness: 2" (50mm)
Length: 120" (3050mm)
Weight: 15.7lb (7.1kg)
Construction: 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: 1½" (38mm)
Thickness: 1½" (38mm)
Length: 120" (3050mm)
Weight: 9lb (4.1kg)
Construction: 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: 5¾" (146mm)
Thickness: 5⁄8" (16mm)
Length: 141¾" (3600mm)
Weight: 14.1lb (6.4kg)
Construction: Polymer resin core/
 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: #6 x 1⅝" (3.5 x 40mm)
Weight: 0.4lb 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

Aluminum trims and screws

To view the complete range of Envello Shadow Line⁺ products available please visit our website: 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.



Certification

