

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



WUI Certified

Shadow Line⁺ Board Details

Surface Composition:

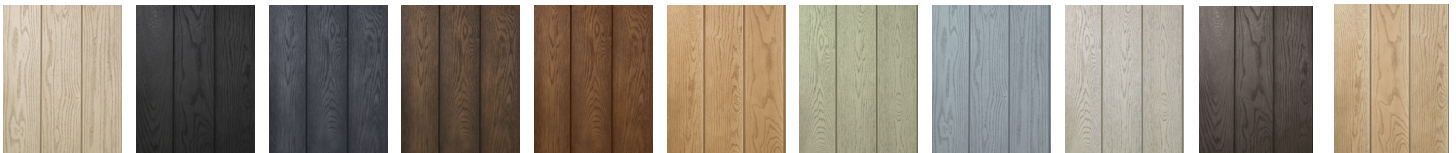
Elastomer surface chemically melded to the core, with a UV stable 2K coating.



Core Composition:

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

Available colors:



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 Ebony Grey: MCL360Y Ashwood: MCL360H

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)

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 be 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
Fire Performance	SFM 12-7A-1	Pass
Ignitability	NFPA 268	Pass
Flame Spread	ASTM E84	20

*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

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: 1½" (38mm)
 Thickness: 1½" (38mm)
 Length: 120" (3050mm)
 Weight: 9lb (4.1kg)
 Construction: Flexible polymer resin

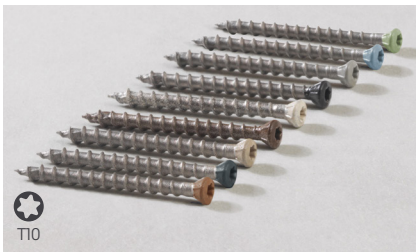
Anthracite: MCFH38X
 Antique Oak: MCFH38A
 Burnt Cedar: MCFH38R
 Coppered Oak: MCFH38C
 Golden Oak: MCFH38G
 Limed Oak: MCFH38L
 Sage Green: MCFH38N
 Salt Blue: MCFH38T
 Smoked Oak: MCFH38D



Envello Reveal Board

Width: 5¾" (146mm)
 Thickness: 5⁄8" (16mm)
 Length: 141¾" (3600mm)
 Weight: 14.1lb (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: #6 x 1⅝" (3.5 x 40mm)
 Weight: 0.4lb 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

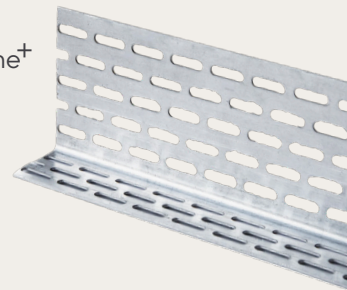
Other Accessories and Products

Aluminum trims and screws

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

www.millboard.com/en-us/siding-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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Certification

