

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

### 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<sup>+</sup> 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



Anthracite:  
MCL360X



Antique Oak:  
MCL360A



Coppered Oak:  
MCL360C



Golden Oak:  
MCL360G



Sage Green:  
MCL360N



Salt Blue:  
MCL360T



Smoked Oak:  
MCL360D

### 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<sup>+</sup> 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<sup>+</sup> Accessories



### Shadow Line<sup>+</sup> 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<sup>+</sup> Internal Corner Profile

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

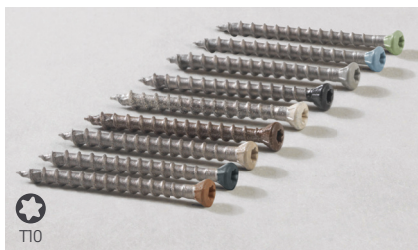
Anthracite: MCFH38X  
 Antique Oak: MCFH38A  
 Burnt Cedar: MCFH38R  
 Coppered Oak: MCFH38C  
 Golden Oak: MCFH38G  
 Limed Oak: MCFH38L  
 Sage Green: MCFH38N  
 Salt Blue: MCFH38T  
 Smoked Oak: MCFH38D



### 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: MCRI46X  
 Antique Oak: MCRI46A  
 Burnt Cedar: MCRI46R  
 Coppered Oak: MCRI46C  
 Golden Oak: MCRI46G  
 Limed Oak: MCRI46L  
 Sage Green: MCRI46N  
 Salt Blue: MCRI46T  
 Smoked Oak: MCRI46D



### 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<sup>+</sup> products available please visit our website:

[www.millboard.com/en-us/siding-accessories](http://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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