

Envello Shadow Line⁺

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 installation guides

Shadow Line⁺ 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 m²

Dimensions:

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

Available colours:



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

Fire Performance

Millboard Envello Shadow Line⁺ 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⁺ 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

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: 38mm
Length: 3050mm
Depth: 38mm
Weight: 4.1kg
Construction: Fire rated 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: 146mm
Length: 3600mm
Depth: 16mm
Weight: 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: 3.5 x 40mm
Weight: 0.2kg 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



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