

EXTERIOR COMPOSITE WOOD CLADDING



PORTLAND LEATHER

161 MAIN ST.
WESTLAKE, OH

millboard

Live. Life. **Outside.**

www.millboard.com

US

Envello Board & Batten⁺

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

Board & Batten⁺ Board Details

Surface Composition:

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

Weight:

18.3lb per board (8.3kg)

Coverage:

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

Dimensions:

1" (T) x 7 7/8" (W) x 141 3/4" (L)
26mm (T) x 200mm (W) x 3600mm (L)

Core Composition:

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

Available colors:

Lined Oak
MCBF360L

Burnt Cedar
MCBF360R

Anthracite
MCBF360X

Antique Oak
MCBF360A

Coppered Oak
MCBF360C

Golden Oak
MCBF360G

Smoked Oak
MCBF360D

Jarrah
MCBF360J

Installation

Board & Batten⁺ 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 using a drainable housewrap 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	-	0.093 W/mK
Flexural strength	ISO 14125	10.21 MPa
Ultimate load at 600mm span	ISO 14125	1,568 N
Ultimate load at 400mm span	ISO 14125	2,376 N
Fire Performance	SFM12-7A-1	Pass
Ignitability	NFPA 268	Pass
Flame Spread	ASTM E84	10

*Test reports available on request.