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UK

Enhanced Grain

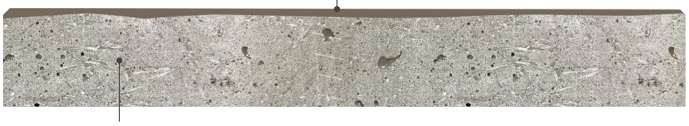
176mm/126mm Product specification sheet

Wood Free | Integrated UV Stabilisers | Hand moulded & coloured | Natural wood look | Integrated Lastane layer | 'Lost-head' fixings | High slip-resistance | Recycled materials

Enhanced Grain Board Details

Surface Composition:

Resilient Lastane® layer chemically melded to the core, with a UV stable 2K coating.



	Weight:	Coverage:
176mm:	11.8kg per board	1.54 boards per m²
126mm:	8.5kg per board	2.14 boards per m²

	Dimensions:
176mm:	176mm (W) x 3600mm (L) x 32mm (D)
126mm:	126mm (W) x 3600mm (L) x 32mm (D)

Core Composition:

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

Available colours:

Golden Oak
176mm: MDE176G
126mm: MDE126G

Ashwood
MDE176H
MDE126H

Antique Oak
MDE176A
MDE126A

Coppered Oak
MDE176C
MDE126C

Jarrah
176mm: MDE176J
126mm: N/A

Limed Oak
MDE176L
MDE126L

Ebony Grey
MDE176Y
MDE126Y

Burnt Cedar
MDE176R
MDE126R

Brushed Basalt
176mm: MDE176B
126mm: MDE126B

Smoked Oak
MDE176D
MDE126D

Working Specification

For all applications we recommend a 4mm space between the sides of boards (or 6mm if using the DuoFix side-fixing guide) and 1mm gap at the ends on butt joints. A 10mm gap should be left between the boards and any abutting vertical surface to facilitate drainage.

The maximum unsupported overhang for the boards is 50mm and each cut board must be supported by a minimum of three joists. Where a board crosses a joist, two Durafix fixings will be needed. At the end of the boards, we'd recommend three Durafix fixings

Residential applications
2.5kN/m² uniform distribution load

Joists must support boards at 400mm centres if boards are at 90° to joists, if boards are at 45° then joists needs to be set at 300mm centres

Commercial applications
5kN/m² uniform distribution load

Joists must support boards at 300mm centres if boards are at 90° to joists, if boards are at 45° then joists need to be set at 240mm centres.

Enhanced Grain Accessories

Durafix fixings

Material:	A2 Stainless Steel
Size:	4.5 x 35mm
Pack Quantity:	100
Code:	FT35P100
Use:	Fastening Fascia boards

Size:	4.5 x 45mm
Pack Quantity:	250
Code:	FT45P250
Use:	Fastening decking onto Plas-Pro or DuoSpan

Size:	4.5 x 60mm
Pack Quantity:	250
Code:	FT60P250
Use:	Fastening decking onto timber

Fascia board

Width:	146mm
Length:	3600mm
Depth:	16mm
Weight:	6.4kg
Coverage:	1.85 boards per m²
Construction:	Polymer resin core/ Elastomer surface layer

Antique Oak:	MFN360A
Brushed Basalt:	MFN360B
Burnt Cedar:	MFN360R
Coppered Oak:	MFN360C
Smoked Oak:	MFN360D
Golden Oak:	MFN360G
Limed Oak:	MFN360L
Jarrah:	MFN360J
Ashwood:	MFN360H
Ebony Grey:	MFN360Y

Board Performance

Test*	Standard	Result (176mm)	Result (126mm)
Flexural strength	ISO 14125	14.1 (Mpa)	14.1 (Mpa)
Ultimate Load at 400mm span	ISO 14125	4,426 (N)	3,490 (N)
Ultimate Load at 300mm span	ISO 14125	5,753 (N)	4,084 (N)
Slip resistance in the wet	BS 7976-2	36 (PTV)	36 (PTV)
Slip resistance in the dry	BS 7976-2	49 (PTV)	49 (PTV)

*Test reports available on request

Subframes & fixings

To view the complete range of Enhanced Grain products available please visit our website: millboard.co.uk/decking/enhanced-grain

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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