

Product Data Sheet

Stability Magnitude Bespoke Engineered - Finish BF4450



BESPOKE WOOD FLOORS



Image shows Prime option.



Image shows Rustic option.

Should you require the information on any other details please contact the sales team on **+44 (0) 20 8501 6730** or info@wfa.uk.net



MAGNITUDE
Sustainable Magnetic Wood Flooring



Product Details

Product Description:	Stability Magnitude 10 / 15 / 20
Wood Species:	European Oak
Construction:	Engineered
Product Type:	Plank / Herringbone / Chevron
Grade:	Prime / Select / Rustic
Profile:	Tongue & Grooved
Wear Layer:	Oak Wear Layer (see page 3)
Core Layer:	Multi Layer Birch Plywood (see page 3)
Edge Profile:	Herringbone / Chevron - 1.50mm 4 Sided Micro Bevel Plank - Ends Matched & 1.50mm Micro Bevelled to Long Edges
Finish:	BF4450 UV Oiled - Pebble Grey Satin

Technical Information

Country of Manufacture:	Europe
FSC®:	FSC 100% FSC-C111710
Lamination:	Hydraulic Cold Press
Glue Line:	D3 Water Based Glue
Norm:	EN 14342:2013
Reaction to Fire:	10 / 15mm - Dfl-s1 / 20mm - Cfl-s1
Density:	650 kg/m ³
Formaldehyde Emissions:	Class E1 Zero Emissions
VOC Content:	Zero to low Emissions
Warmth Conduction (approx):	10mm - 0.074 W/m K 15mm - 0.111 W/m K 20mm - 0.148 W/m K
Production Tolerances;	PLANK HERRINGBONE / CHEVRON
Width:	+/- 0.2mm +/- 0.2mm
Thickness (Above T&G):	+/- 0.2mm +/- 0.2mm
Length:	+/- 3.0mm +/- 0.2mm
90° Angle:	+/- 0.3° +/- 0.3°

Grading - images shown below with a clear UV Oil finish



PRIME - 10 / 15 / 20mm

Maximum Size of Sound Knots:	Possible knots up to 10mm
Maximum Size of Filled Knots:	Possible knots up to 5mm
Sap Wood:	Minimal Edge and Core Sap Wood
Colour Variation:	Natural Variation Allowed
Grain Variation:	Mixture of Natural Grain



RUSTIC - 10 / 15 / 20mm

Maximum Size of Sound Knots:	Up to 70mm
Maximum Size of Filled Knots:	Up to 35mm
Filled Defects:	Allowed
Filled Type:	Coloured Filler
Sap Wood:	Minimal Edge and Core Sap Wood
Cracks:	Possible
Colour Variation:	Natural Variation Allowed
Grain Variation:	Mixture of Natural Grain and Knots



CHARACTER - 12mm

Maximum Size of Sound Knots:	Up to 80mm
Maximum Size of Filled Knots:	Up to 35mm
Filled Defects:	Allowed
Filled Type:	Coloured Filler
Sap Wood:	≤ 20% of the surface area of the board
Cracks:	Allowed
Colour Variation:	Natural Variation Allowed
Grain Variation:	Mixture of Natural Grain and Knots

13/04/26 Replaces 02/04/26

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Product Data Sheet

Elegance Magnitude Bespoke Engineered - Finish BF4450



BESPOKE WOOD FLOORS



Image shows Prime option.



Image shows Rustic option.

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MAGNITUDE
Sustainable Magnetic Wood Flooring



Product Details

Product Description:	Elegance Magnitude 15
Wood Species:	European Oak
Construction:	Engineered
Product Type:	Plank / Herringbone / Chevron
Grade:	Select / Rustic
Profile:	Tongue & Grooved
Wear Layer:	Oak Wear Layer (see page 3)
Core Layer:	Mult Layer Eucalyptus Plywood (see page 3)
Edge Profile:	Herringbone / Chevron - 1.50mm 4 Sided Micro Bevel Plank - Ends Matched & 1.50mm Micro Bevelled to Long Edges
Finish:	BF4450 UV Oiled - Pebble Grey Satin

Technical Information

Country of Manufacture:	Europe
FSC®:	FSC 100% FSC-C111710
Lamination:	Hydraulic Hot Press
Glue Line:	Hot Melt Glue
Norm:	EN 14342:2013
Reaction to Fire:	15mm - Dfl-s1
Density:	780 kg/m ³
Formaldehyde Emissions:	Class E1 Zero Emissions
VOC Content:	Zero to low Emissions
Warmth Conduction (approx):	15mm - 0.111 W/m K
Production Tolerances;	PLANK HERRINGBONE / CHEVRON
Width:	+/- 0.2mm +/- 0.2mm
Thickness (Above T&G):	+/- 0.2mm +/- 0.2mm
Length:	+/- 1.0mm +/- 0.2mm
90° Angle:	+/- 0.3° +/- 0.3°

Grading - images shown below with a clear UV Oil finish



SELECT - 15mm

Maximum Size of Sound Knots:	Possible knots up to 10mm
Maximum Size of Filled Knots:	Possible knots up to 5mm
Filled Defects:	Not Allowed
Sap Wood:	Minimal Edge Allowed
Colour Variation:	Natural Variation Allowed
Grain Variation:	Mixture of Natural Grain



RUSTIC - 15mm

Maximum Size of Sound Knots:	Possible knots up to 40mm
Maximum Size of Filled Knots:	Possible knots up to 30mm
Filled Defects:	Allowed
Filled Type:	Coloured Filler
Sap Wood:	Allowed
Cracks:	Allowed
Colour Variation:	Natural Variation Allowed
Grain Variation:	Mixture of Natural Grain and Knots

Maintenance Advice

To fully aid in the care of the floor it is advised that all precautions are carried out. Avoid scratches by minimising grit and dust, install doorway entrance mats and apply felt pads to furniture. Use PH neutral cleaners and avoid soaking the floor with water at all times.

Recommended Products	Initial	Regular	Monthly	Long Term
Sweep / Vacuum:	✓	✓		
Oiled Finish				
Osmo Wash and Care:		✓		
Osmo Maintenance Oil:				✓

For the complete maintenance guidelines please visit www.wfa.uk.net

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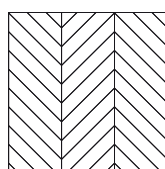
Magnitude Bespoke Engineered Flooring - Finish BF4450



BESPOKE WOOD FLOORS

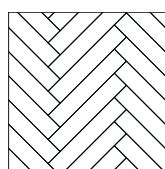
PLANK**	Total Thickness	Wear Layer	Core Layer	Width/s	Length/s
STABILITY					
10/3mm	3	7	180 / 220	Random 600 - 2200 (Average 1800)	
10/4mm	4	6	140	Random 600 - 2200 (Average 1800)	
11/4mm	4	7	140 / 180 / 220	Random 600 - 2200 (Average 1800)	
15/4mm	4	11	140 / 180 / 220 / 240	Random 600 - 2200 (Average 1800)	
20/6mm**	6	14	140 / 160 / 180 / 200 / 220 / 240 / 260 / 300	Random 1400 - 2400 (Average 1800 - 2200)	
ELEGANCE					
15/3mm	3	12	190	1900 (up to 25% split boards per pack from 500mm)	
15/3mm	3	12	220	2200 (up to 25% split boards per pack from 500mm)	
15/4mm	4	11	260	2200 (up to 25% split boards per pack from 500mm)	

CHEVRON



Total Thickness	Wear Layer	Core Layer	Size/s
STABILITY			
10/4mm	4	6	500 x 90
15/4mm	4	11	500 x 90 / 600 x 120
20/6mm	6	14	500 x 90 / 600 x 120
ELEGANCE			
15/3mm	3	12	475 x 125

HERRINGBONE



Total Thickness	Wear Layer	Core Layer	Size/s
STABILITY			
10/4mm	4	6	500 x 90
15/4mm	4	11	500 x 90 / 600 x 120
20/6mm	6	14	500 x 90 / 600 x 120
ELEGANCE			
15/3mm	3	12	500 x 100 / 600 x 125



Image shows Prime option.

ALL Measurements are in mm. **NOTE:** Sizes shown in red are non stock items, delivery will be 7 - 10 weeks, subject to finish. ** All widths available from stock apart from 160mm & 200mm in rustic grade, this is to order.

Magnetic Performance

Material Composition:	Magnetisation on one face only, 90% high grade ferrite powder, 10% synthetic binder FREE of PVC and phthalates
Magnetic strength:	42g per cm ²
Hardness:	Shore-D - 33 ± 5
Thickness of Magnet:	0.6mm

Installation

Installation Method: Magnitude Sustainable Magnetic Wood Flooring

Please also refer to our guidelines. ✓

Site Conditions: 45 – 65% relative humidity & 15 – 25°C room temperature.

Magnitude Flooring powered by WFA & IOBAC is suitable for installation over metal raised access flooring only, see installation guidelines.

For the complete installation guidelines please visit www.wfa.uk.net

Site Conditions

45 – 65% relative humidity & 15 – 25°C room temperature.

Throughout the life of the floor, we recommend that the temperature should be maintained between 15°C and 25°C, and relative humidity levels between 45% and 65%, which will keep any movement within the floor to a minimum and ensure that the floor remains stable. As with any wooden floor, if humidity levels rise or fall outside of these parameters, a greater degree of shrinkage or expansion would be expected to occur.

Guarantee



Wood Floors & Accessories Limited guarantees to investigate any complaints reported within 25 years from the date of your sales invoice. In the event of a valid claim, Wood Floors & Accessories Limited will provide replacement material free of charge.

The lifetime of our guarantee covers the structural integrity of the product being the lamination, production, dimensions and grading.

For pre-finished floors our guarantee also covers that the surface finish will adhere correctly to the boards. It is however essential that a preventative cleaning and maintenance program is in use as set out in clause 4 & 5 of our [terms and conditions](#).

Wood is a natural product and will expand and contract throughout the four seasons. During these seasons, you may experience some natural movement which is not a product defect and is not covered by this guarantee.

As a general guideline, the ambient room temperature should be maintained between 15 and 25°C and humidity levels between 45 and 65%. To maintain these humidity levels, we would recommend using a humidifier/dehumidifier. Our guarantee is subject to your room conditions being maintained in accordance with British Standards current recommendations.

Should there be an issue with your order all complaints are to be reported in writing by post or email to info@wfa.uk.net within 48 hours of the issue becoming visible, to allow us to investigate the cause and extent of the problem.

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Image shows Rustic option.



Image shows Prime option.



Image shows Prime option.



Image shows Rustic option.

The CGI images above are for representation only and do not reflect a complete floor.

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