

# Product Data Sheet

## Stability Bespoke Engineered Flooring - Finish BF941



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 10 / 15 / 20
Wood Species:	European Oak
Construction:	Engineered
Product Type:	PLANK / DESIGNS
Grade:	Prime / Rustic
Profile:	Tongue & Grooved
Wear Layer:	Oak Wear Layer (see next page)
Core Layer:	Multi Layer Birch Plywood (see next page)
Edge Profile:	PLANK - Ends Matched & 1.50mm Micro Bevelled to Long Edges DESIGNS - 1.50mm 4 Sided Micro Bevel
Finish:	BF941 UV Oiled - Dark Smoked * Satin

\* To achieve our smoked and fumed finishes the timber is smoked. Although this is a controlled process there will be variation in colour tones as they are dictated by a reaction with the natural tannins within the Oak. This process enhances the natural variation tones in the wood to create a beautiful, varied appearance. Smoked floors will naturally lighten and mellow with time so please ensure you request a new sample for colour approval before placing an order. In addition to your usual wastage allowance, for a more consistent appearance please order additional m<sup>2</sup> of the product to be selective on site. Alternatively for a more consistent colour we recommend a stained or bespoke oil option is chosen and not a smoked finish. Please call our sales team to request a sample.

### 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 <sup>3</sup>
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	Width	Thickness	Length	90°
- All +/- :	mm	mm	mm	Angle
PLANK:	0.20	0.20	3.00	0.30°
HERRINGBONE:	0.20	0.20	0.20	0.30°
CHEVRON:	0.20	0.20	0.20	0.30°
MANSION WEAVE:	0.25	0.10	0.25	0.30°
CONTINUOUS VERSAILLES:	0.25	0.10	0.25	0.30°

Thickness tolerance is above T&G.

### 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

### Installation

Installation Method:	Glued	Nailed ^	Floated on Underlay	Magnitude Flooring ▼
PLANK				
10mm	✓	x	x	✓
15mm	✓	x	✓	✓
20mm	✓	✓	✓	✓
DESIGNS				
10 / 15 / 20mm	✓	x	x	✓

Please also refer to our guidelines specific to the product being installed.

**NOTE:** The fully bonded method of installation is recommended.

**Over Underfloor Heating:** When glued to an appropriate subfloor this product is suitable for use with water and some electric systems. Floor probes must be installed to control and regulate the flooring temperature which must not exceed 27°C. We also highly recommend the installation of a data recording Fidbox which measures and logs temperature and humidity levels, see data sheet for more information or [www.floorprotector.at](http://www.floorprotector.at) ^ See WFA installation guidelines.

12/11/24 Replaces 18/07/2024

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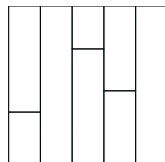
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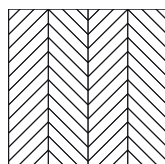
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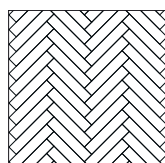
### PLANK\*\*

Total Thickness	Wear Layer	Core Layer	Width/s	Length/s
10/4mm <sup>^</sup>	4	6	140	Random 600 - 2200
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)



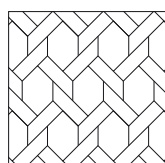
### CHEVRON

Total Thickness	Wear Layer	Core Layer	Size/s
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



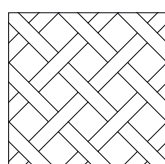
### HERRINGBONE

Total Thickness	Wear Layer	Core Layer	Size/s
10/4mm	4	6	490 x 70 / 500 x 90
15/4mm	4	11	500 x 90 / 600 x 120
20/6mm	6	14	500 x 90 / 600 x 120



### MANSION WEAVE

Total Thickness	Wear Layer	Core Layer	Centres	Weave
15/4mm	4	11	200 x 325	90 x 320
20/6mm	6	14	200 x 325	90 x 320



### CONTINUOUS VERSAILLES

Total Thickness	Wear Layer	Core Layer	Centres	Weave
15/4mm	4	11	140 x 140	70 x 350
20/6mm	6	14	140 x 140	70 x 350



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 160 & 200mm in rustic grade, this is to order.

<sup>^</sup> This product is select grade, see data sheet for grading.

## 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 <sup>2</sup>
Hardness:	Shore-D - 33 ± 5
Thickness of Magnet:	0.6mm

▼ Magnitude Flooring powered by WFA & IOBAC is suitable for installation over metal raised access flooring only, see installation guidelines. NOTE: 490 x 70mm Herringbone and all Mansion Weave and Continuous Versailles not available in Magnitude Flooring.

For the complete installation guidelines please visit [www.wfa.uk.net](http://www.wfa.uk.net)

## 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](http://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.



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.

All complaints are to be reported in writing by post or email to [info@wfa.uk.net](mailto: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.



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### Smoking and Fuming

To achieve our smoked and fumed finishes the timber is smoked. Although this is a controlled process there will be variation in colour tones as they are dictated by a reaction with the natural tannins within the Oak.

Smoked floors will naturally lighten and mellow with time so please ensure you request a new sample for colour approval before placing an order.

In addition to your usual wastage allowance, for a more consistent appearance please order additional m2 of the product to be selective on site. Alternatively for a more consistent colour we recommend a stained or bespoke oil option is chosen and not a smoked finish. Please call our sales team to request a sample.

The main difference between the two techniques; The Smoking process penetrates the veneer surface by 0.5 - 2mm in depth whilst the image shown here demonstrates that our supplied Fumed oak penetrates the entire veneer layer.



The smoking and fuming process enhances the natural variation tones in the wood to create a beautiful, varied appearance.

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

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