

# Data Sheet

## Magna-Flex Timber 750/1400

**ECO-TEK**  
Sustainable Flooring Solutions



- 01 HDF & Spruce cores for dimensionally stability
- 02 Unique magnetic rubber backing
- 03 T&G to longitudinal sides, groove only to headers
- 04 2.7mm Oak Veneer with bevel edge perimeter

**Floor Covering:** Engineered Oak hardwood tongue & groove planks magnetically backed.

**Thickness:** 10mm

**Top Layer:** 2.7mm Oak hardwood

**Plank 1400:** 140mm x 1400mm

**Herringbone 750:** 125mm x 750mm

**Colour Range:** 6 Oak colours available.

**Underlay:** MagnaLay 25 / 30 / 50 magnetically receptive acoustic underlay.

**Roll size:** 2.9 / 3.4 / 5.4mm x 0.98m x 5.0m

**System Thickness:** 12.9mm

)) 18dB - Reduction of Impact Sound

ECO-TEK are committed to circularity in the flooring market and have developed a range of magnetically backed engineered Oak flooring installed on MagnaLay magnetically receptive acoustic rubber underlays. The TIMBER 750/1400 product is manufactured using sustainable timber in a 2-layer engineered board with HDF and Spruce base layers and 2.7mm hardwood top layer. The brushed surface finish provides an authentic structure and optical effect, and the numerous installation patterns provide complete flexibility for unique residential and commercial projects.

The Timber 750/1400 system creates a fully adhesive free flooring solution. This system allows the reuse of flooring to support circularity and follows the principles of Design for Disassembly. It is important to avoid contamination of building assets, and allow repurposing of spaces without the use of further raw materials to repair the structure in readiness for new floor finishes.

### SYSTEM BENEFITS

- **Adhesive Free** - No adhesive contamination of the floor covering or subfloor.
- **Install Options** - Suitable for direct install over metal raised access subfloors or install on the MagnaLay magnetically receptive underlays
- **Quick, clean installation** - Simplifies the process, no adhesive and no drying times.
- **Coating** - Natural matt UV cured surface finish giving appearance of a natural oiled finish with reduced ongoing maintenance.
- **Sustainable and recyclable** - Manufactured using sustainable timber and recycled rubber underlay, installed with no contaminating glues so that flooring can be easily lifted and recycled.
- **Easy floor maintenance** - Worn or damaged tiles can be quickly replaced, avoiding costly and inconvenient downtime.
- **Design Agility** - Easy repurposing of areas, enhancing customer experience in fitness, retail and hospitality applications.

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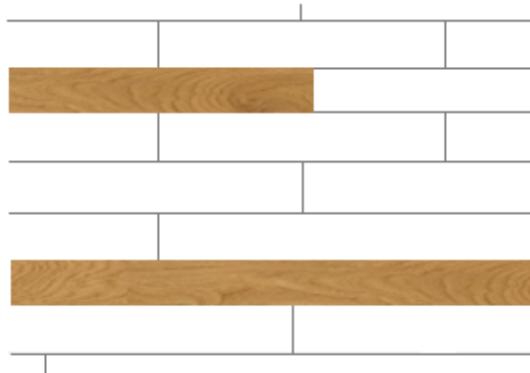
## Magna-Flex Timber 750/1400

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### KEY FEATURES

- Made in Europe
- Brushed surface finish
- Boards can be easily replaced
- Durable UV cured oil coating
- Adhesive free, fast installation process
- Installed on MagnaLay magnetically receptive acoustic underlay.
- Easy replacement of boards
- Magnetic backing
- Installation on metal raised access floors
- Anti-scratch coating
- Reduced maintenance costs

### DIMENSIONS



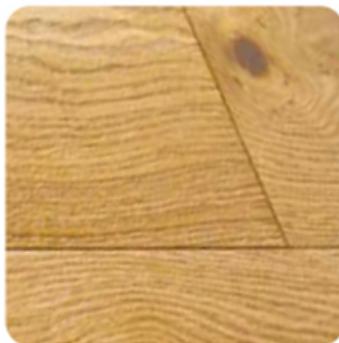
#### 750 MIDI PLANK DIMENSIONS:

10mm x 125mm x 750mm  
2.7mm wear layer

#### 1400 PLANK DIMENSIONS:

10mm x 140mm x 1400mm  
2.7mm wear layer

**SURFACE FINISH – UV CURED OILED SURFACE FINISH** - Class leading highly scratch resistant ULTRA hard coating keeps the floor looking new for longer.



#### BEVELLED

Accentuates the boards appearance adding depth and presence



#### BRUSHED

Highlights the natural structure and grain of the timber

**TIMBER 1400 INSTALLATION PATTERNS** - Straight / Diagonal / Ladder Type / Lamella Pattern / Herringbone / Basket Weave

**TIMBER 750 INSTALLATION PATTERNS** - Shipdeck Straight / Shipdeck Diagonal / Lamella Pattern / Basket Weave / Herringbone / Twin Herringbone / Triple Plait / Quadruple Plait / Diagonal lamella

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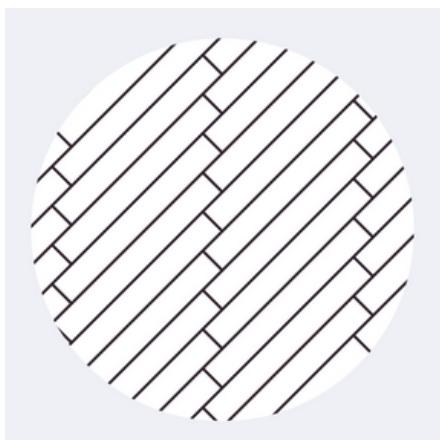
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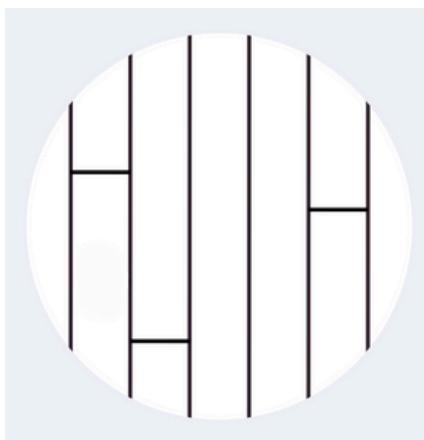
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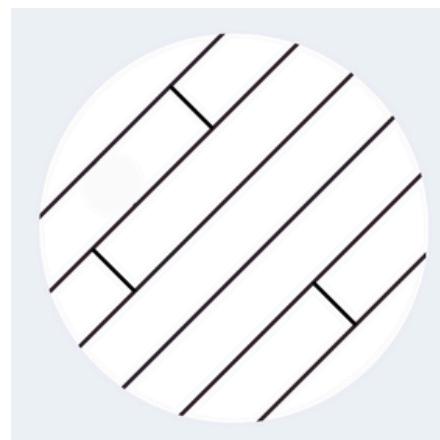
### LAYING PATTERNS



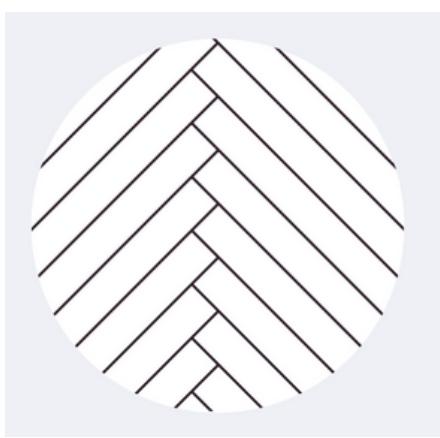
Diagonal Lamella



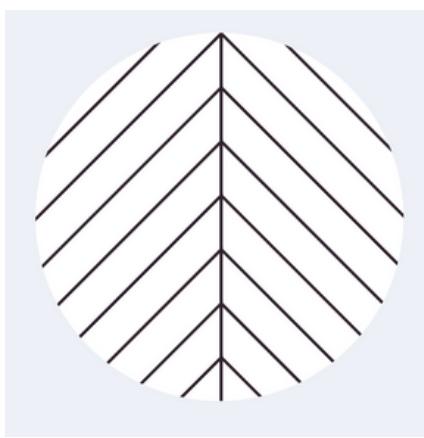
Straight



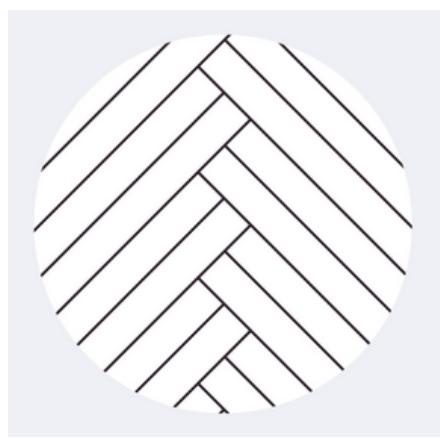
Diagonal



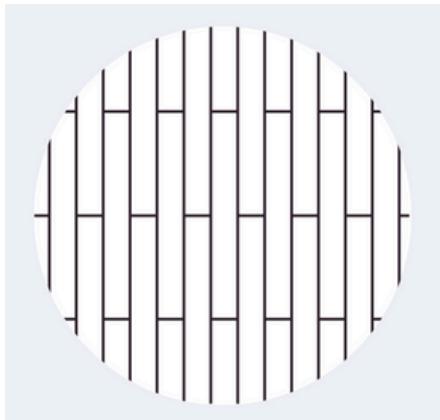
Herringbone



Chevron 45



Double Herringbone



Lamella



Triple Plait



Quadruple Plait

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### COLOUR RANGE



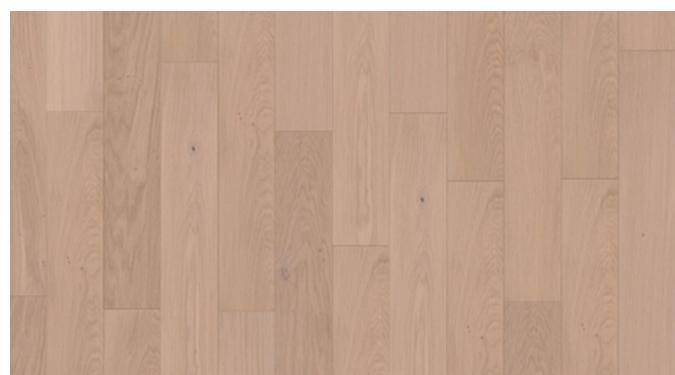
FUMED OAK - Lively



OAK PURE - Lively



OAK - Lively



OAK KASCHMIR - Lively



OAK MANDEL - Lively



OAK AUSTER - Lively

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## Magna-Flex Timber 750/1400



### TECHNICAL SPECIFICATION

		TIMBER 750	TIMBER 1400
Dimensions & Thickness	EN 427 & EN 428	750 × 125 × 10 mm	1400 × 140 × 10mm
Classification	EN 16511	Domestic 23 Commercial 31	Domestic 23 Commercial 31
Total Weight	EN 430	6.50 kg/m <sup>2</sup>	5.50 kg/m <sup>2</sup>
Effect of Castor Chair	EN 425	suitable for type W	suitable for type W
Reaction of Fire	EN ISO 9239-1	Dfl s1	Dfl s1
Thermal Resistance	EN 12524	0,055 m <sup>2</sup> K/W	0,067 m <sup>2</sup> K/W
Resistance to Chemicals	DIN 68861 Part 1 EN 13422	Cat. 1B	Cat. 1B
Emissions Value		in conformity with AgBB	in conformity with AgBB
Scratch Resistance	“Hamberger Planer”	80% more than min.	80% more than min.
Coefficient of Friction	EN 51130	R10	R10
Moisture Content		8% +/- 1%	8% +/- 1%
Brinell Hardness		23 – 42N/mm <sup>2</sup>	23 – 42N/mm <sup>2</sup>

### INSTALLATION

Floors must be installed by a competent installer who should have the necessary skills and take individual site conditions into account. The warranty will only apply to floors installed in accordance with BS8201 in the UK or equivalent standard worldwide.

All information at the time of publication is specified as true and correct. The company reserves the right to change the specifications of this product at any time without prior notice to third parties.

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