



**Furlong Flooring®**

First choice flooring for every room

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Choice  
flooring  
for  
every  
room



**Endura**

Introducing the Next Generation  
Rigid Vinyl Floor Technology



Welcome to the  
Next Generation  
Rigid Vinyl Floor  
Technology



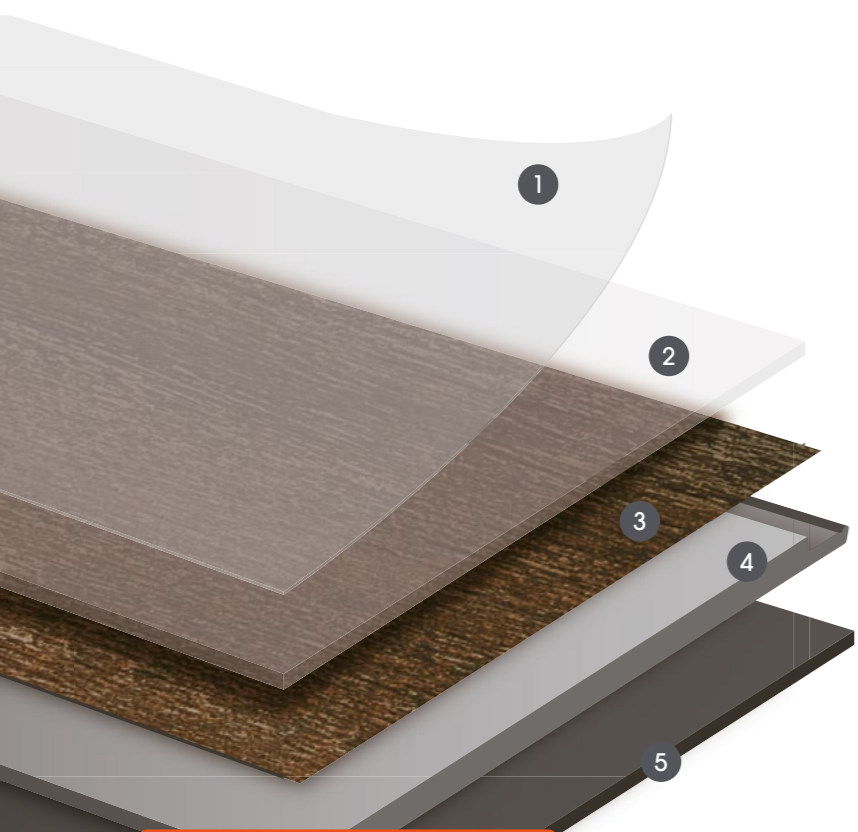
# Lighter, but Stronger.

Introducing the all new Endura Engineered Vinyl Floor. from Furlong Flooring. Built using the latest technologies that combine a flexible but rigid core structure with an improved installation experience and a stronger, less brittle joint than traditional SPC.

**100%** Waterproof Flooring

**25%** More Stable

**10%** Better Impact Sound Resistance



**Did you know?**  
Endura flooring has a +15% reduced carbon footprint over equivalent SPC floors.



## Endura Structure

- PUR Coating**  
Advanced ceramic PUR coating provides extra protection against scratches, stains and UV damage.
- Wear Layer**  
Commercial rating on all products as standard (0.55mm wear layer).
- Decor Layer**  
Natural Embossed surface designs with added texture.
- Next-gen SPC Core**  
Next generation core technology, still rigid but flexible which benefits both installation and how the floor sits against the subfloor (less reflective sound as it contours the underfloor better).
- Built-in Underlay**  
Built in IXPE underlay reduces both reflective and transmitted noise for an enhanced living experience.

## Product Advantages

- Next Generation Core Technology**  
Rigid but flexible which benefits both installation and how the floor sits against the subfloor (less reflective sound as it contours the underfloor better).
- Lighter but Stronger**  
Less dense but with a stronger core layer the boards are less brittle than traditional SPC and reduce damage/claims.
- Advanced Ceramic PUR Coating**  
Providing extra protection against scratches, stains and UV damage.
- Commercially Rated**  
All Endura floors come with a commercial rating as standard.
- More Stable**  
25% more stable than SPC equivalent.
- Better Sound Insulation**  
10% reduction in impact / reflective sound.
- Natural Embossed Surface Designs**  
Each board comes with a natural embossed texture for a more realistic look and feel.
- Soft Touch Feel**  
Comfort soft touch surface for luxury feel.
- Licensed LOC Systems**  
Uniclic and Unidrop licensed locking systems
- Environmentally Friendly**  
Helping to reduce your carbon footprint with less weight.



## Key Features

Phthalatfree    Sound Absorbing    Waterproof 100%    Easy to care    20 YEAR Domestic Warranty    10 YEAR Commercial Warranty

## 5x Key Benefits over Traditional SPC Vinyl Floors

Performance Attribute	Standard	Regular SPC	Endura SPC	Advantages
Density	EN 430	2.10g/cm <sup>3</sup>	1.55g/cm <sup>3</sup>	<b>+25% Less Weight</b>
Surface Treatment	-	UV	PUR	<b>Advanced Ceramic Coating</b>
Dimension Stability (80°C/6H)	EN 434 / ISO23999	≤ 0.10%	≤ 0.08%	<b>25% More Stable</b>
Slip Resistance	DIN 51130	R9	R10	<b>R10 Slip Resistance</b>
Acoustic impact noise reduction	ASTM E492-2009	IIC = 58	IIC = 64	<b>10% Improved Sound Reduction</b>

## Board Formats / Décors:

### Planks

4.5+1mm x 180 x 1220mm | 2.196m<sup>2</sup> Per Pack



**Natural Oak**  
P1



**Nordic Oak**  
P2



**Storm Oak**  
P3



**Frozen Oak**  
P4



**Harvest Oak**  
P5



**Aged Oak**  
P6



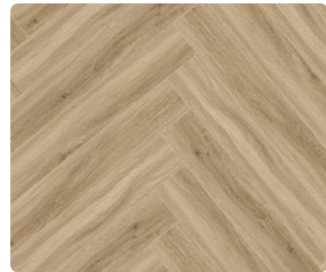
**Spring Oak**  
P7



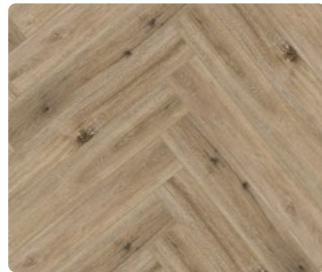
**Source Oak**  
P8

### Herringbone

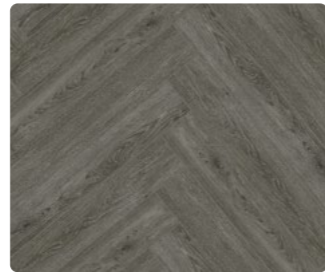
4.5+1mm x 122mm x 610mm | 1.935m<sup>2</sup> Per Pack



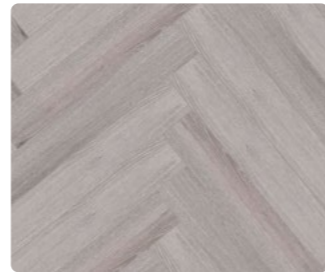
**Natural Oak**  
H1



**Nordic Oak**  
H2



**Storm Oak**  
H3



**Frozen Oak**  
H4

### Tiles

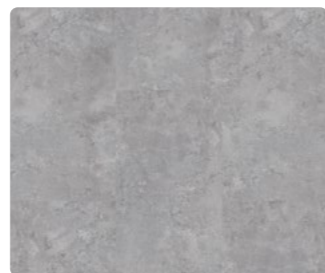
4.5+1mm x 457mm x 914mm | 2.506m<sup>2</sup> Per Pack



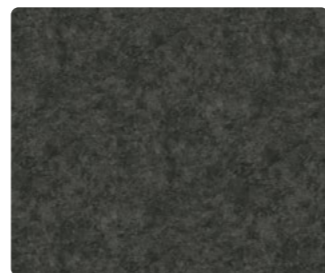
**Porcelain**  
T1



**Limestone**  
T2



**Crete**  
T3



**Onyx**  
T4

## Technical Specification:

4.5+1mm Endura Rigid Vinyl	Standard	Result
Density	EN430	1.55g /cm <sup>3</sup>
Total Thickness	ISO 24346	5.5mm (4.5+1mm)
Size & Pack Quantity	Plank Herringbone Tiles	180 x 1220mm 122 x 610mm 457 x 914mm
Wear layer thickness	EN 429	0.55mm
Surface treatment	ASTM D523	Matte PU Coating
Bevelled edge	Bevel	Bevel
Weight	/	6.98 kg/m <sup>2</sup>
Classification	ISO 24340 Commercial	33
	ISO 24340 Domestic	23
Squareness	ISO 24342	≤ 0.25mm
Straightness	ISO 24342	≤ 0.25mm
Assembled gap	EN 13329	Avg ≤ 0.15mm Max ≤ 0.20mm
Height difference (Assembled)	EN 13329	Avg ≤ 0.10mm Max ≤ 0.15mm
Gloss unit	ASTM D523	5+1°
Reaction to fire	EN 13501-1	Bfl-s1
Light fastness	EN ISO 105-B02	Pass ≥6
Micro Scratch Resistance	EN 16094	MSR ≤B2
Scratch resistance	ISO 1518	≥ 2500 g
Thermal Conductivity	ISO 10456 / ISO8301	0.132 W/(m.k)
Dimensional stability (80°C / 6h)	EN 434 / ISO23999	≤ 0.08%
Curling after exposure to heat (80°C / 6h)	EN 434 / ISO 23999	≤ 1.00mm
Peel resistance	EN 431	≥ 50N / 5cm
Acoustic impact noise reduction	ISO 10140-1: 2010 ISO 717-2: 2013	Δ Lw = 19 dB
Slip resistance	DIN 51130:2014	R10
Determination of staining and resistance to chemicals	EN ISO 26987:2012	Class 0
Migrations of heavy metals	EN 71 Part 3	Pass
Phthalate content	EN14372:2014	Pass
Underfloor heating suitability	/	Yes, ≤27°C
Recycling	/	Suitable
Installation method	/	Uniclic or Unidrop
Underlay	/	1mm IXPE



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