

Pro-Flex

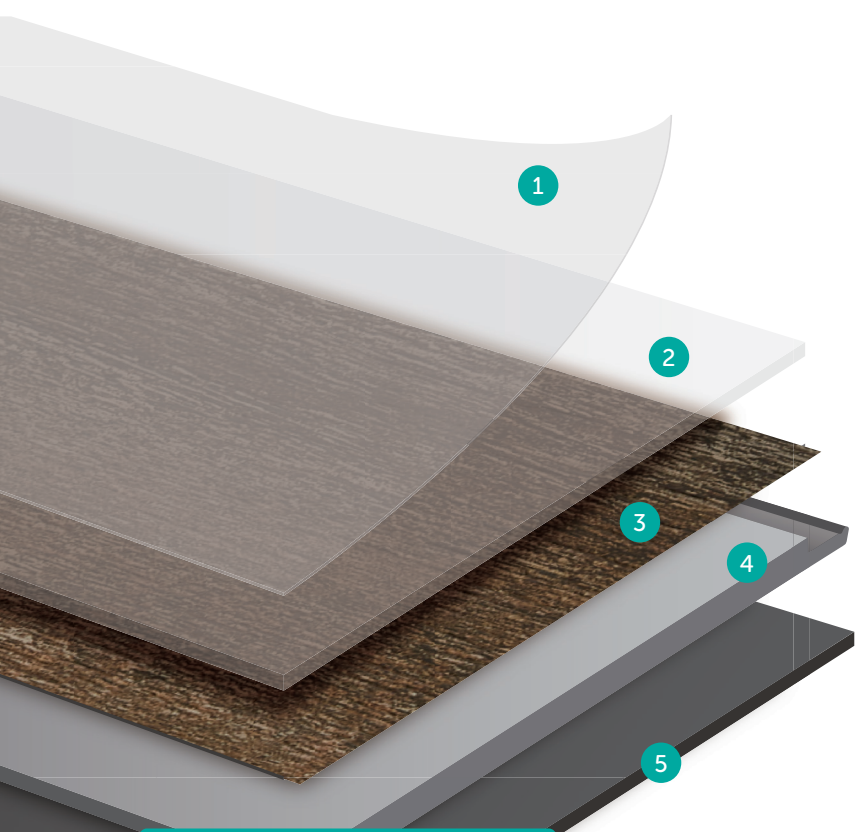
Introducing the Next Generation
Rigid Vinyl Floor Technology



AQUACORE[™]
WATERPROOF FLOORING

Lighter, but Stronger.

Introducing the all new Pro-Flex Engineered Vinyl Floor from Timba Floors & Boards. 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

Pro-Flex Structure

- 1 PUR Coating**
Advanced ceramic PUR coating provides extra protection against scratches, stains and UV damage.
- 2 Wear Layer**
Commercial rating on all products as standard (0.55mm wear layer).
- 3 Decor Layer**
Natural Embossed surface designs with added texture.
- 4 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).
- 5 Built-in Underlay**
Built in IXPE underlay reduces both reflective and transmitted noise for an enhanced living experience.

Did you know?

Pro-Flex flooring has a +15% reduced carbon footprint over equivalent SPC floors.

UNIDROP 
PATENTED TECHNOLOGY ®

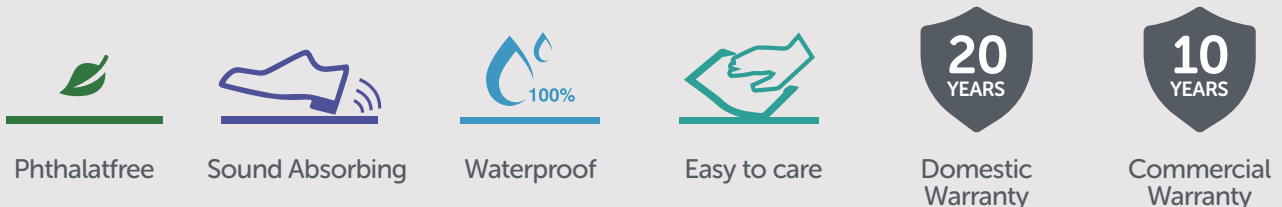
UNICLIC 
Produced under license of Unilin - EP nr. 0843763 / U.S. patent nr. 6,006,486

Pro-Flex Advantages

- 1 **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).
- 2 **Lighter but Stronger**
Less dense but with a stronger core layer the boards are less brittle than traditional SPC and reduce damage/claims.
- 3 **Advanced Ceramic PUR Coating**
Providing extra protection against scratches, stains and UV damage.
- 4 **Commercially Rated**
All Pro-Flex floors come with a commercial rating as standard.
- 5 **More Stable**
25% more stable than SPC equivalent.
- 6 **Better Sound Insulation**
10% reduction in impact / reflective sound.
- 7 **Natural Embossed Surface Designs**
Each board comes with a natural embossed texture for a more realistic look and feel.
- 8 **Soft Touch Feel**
Comfort soft touch surface for luxury feel.
- 9 **Licensed LOC Systems**
Uniclic and Unidrop licensed locking systems
- 10 **Environmentally Friendly**
Helping to reduce your carbon footprint with less weight.



Pro-Flex Key Features



5x Key Benefits over Traditional SPC Vinyl Floors

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

Board Formats / Décors:

Planks

4.5+1mm x 180 x 1220mm



Nimbus Oak
P3



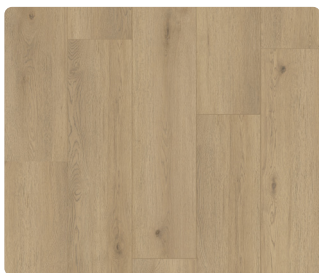
Smoked Oak
P8



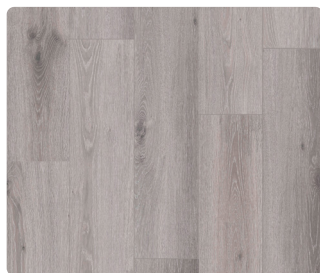
English Oak
P1



Latte Oak
P2



Pure Silky Oak
P7



Boat Shack
P4



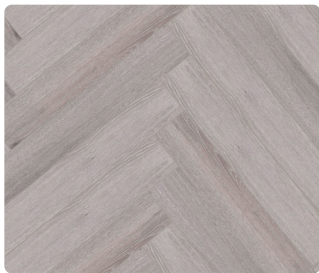
Pebble Grey
P6



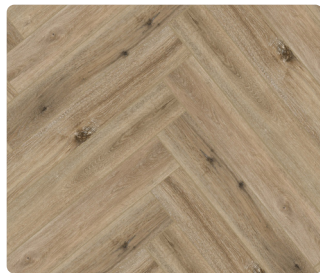
Washed & Smoked Oak
P5

Herringbone

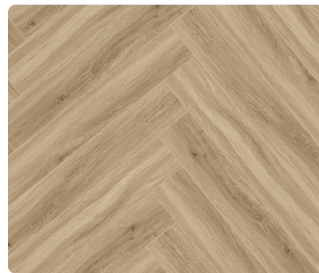
4.5+1mm x 122mm x 610mm



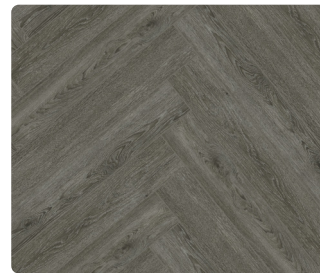
Boat Shack
H4



Latte Oak
H2



English Oak
H1



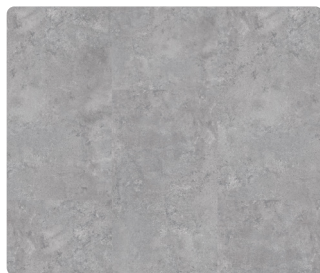
Nimbus Oak
H3

Tiles

4.5+1mm x 457mm x 914mm



Natural Limestone
T2



Urban Concrete
T3



Black Stone
T4



Bianco Pure Stone
T1

Technical Specification:

4.5+1mm Pro-Flex Rigid Vinyl	Standard	Result
Density	EN430	1.55g /cm ³
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 ²
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 ^º
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
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





Aquacore™
A B2B Wood Products brand.
www.b2bwoodproducts.com