




### General Data

Panel	2200mm x 190mm 1820mm x 220mm
Total Thickness	(±)14mm nominal
Number of lengths per pack	6
Pack contents	Includes some shorter boards
Quantity per pack	2.508m <sup>2</sup> / 2.402m <sup>2</sup>
Pack weight	24.45kg
Quantity per pallet	137.94m <sup>2</sup> / 132.11m <sup>2</sup> (55 packs Oak)
Bevel	2/4 

### Panel Build Up

Surface layer thickness	PEFC controlled sources	EN 13489	(±) 2.5mm nominal
Core layer thickness	PEFC controlled sources	HDF Mastercore (with HDF ends)	(±) 9mm nominal
Backing layer	PEFC controlled sources	Spruce	2mm
Joining system	Uniclic® 4 sides		

### Warranty Information

Domestic / Residential Use	25 Year Residential Wear Warranty*	
Uniclic® joining system	Lifetime*	
Structural warranty	Lifetime*	
Commercial warranty	On request	
Edge Protect +	Provides a warranty against moisture staining along the board's edges.	10 years*
Surface & Edge Protect + (lacquered products only)	Provides a warranty against dirt trapped within the surface coating of a board.	10 years*

\*Conditions apply – seek warranty terms and conditions for more information

### Surface Layer

Wood species	Oak	
Origin	Europe	
Finishing level	Matt/Extra matt	
Finishing treatment	UV cured lacquer	7 layers of anti-scratch UV acrylic lacquer
Natural variance	As a natural product, colour, grain and level of natural features will vary from board to board and most often deviate from samples provided.	
Surface treatments	Stains, bevels and surface textures vary by product – refer to website, brochure and samples.	



### Grading of Timber Elements

Grading Standard used - EN 13489:2002 Free Class (unless otherwise specified)

	Surface Layer (visible elements)		
	Accent Grade Refers to PAL1341, PAL1342	Marquant Grade PAL1344, PAL1345, PAL1346, PAL1348	Vibrant Grade Refers to PAL3562, PAL3842, PAL4117, PAL4118
Sound sapwood	Permitted, colour stained	Permitted, colour stained	Permitted, colour stained
Knot size (EN1310/AS2796)	Permitted maximum 20mm	Permitted maximum 50mm	Permitted maximum 80mm
Knot frequency	Max 3 per LM	Unlimited	Unlimited
Knot filling	Fully filled	Half or fully filled	Half or fully filled
Checks/Cracks	Not permitted	Permitted if closed crack $\leq \frac{1}{2}$ the pack length	Permitted unlimited
Bark pockets	Not permitted	Not permitted	Not permitted
Grain structure	Grain width $\leq$ 80mm	Unlimited	Unlimited
Colour variation	Mild natural variation	Lively variation	Very lively variation
Medullary ray	Permitted	Permitted	Permitted
Core Layer and Backing Layer (non-visible elements)			

All features permitted (no limitation) as to size or quantity if these do not impair the strength or quality of the parquet flooring.

Installation	Standard / Norm requirements	Quick-Step values
Floating Installation	Always install on Quick-Step Underlay in accordance with the Installation Instructions.	
Direct Stick Installation	Always install using Quick-Step MS Polymer in accordance with the Quick-Step Direct Stick Installation Instructions.	
Machining tolerances	Lipping between boards- difference in height at joints (mm)	$\leq$ 0.50mm
	Difference in board width (mm) - (EN13489)	$\leq$ 0.20 $\leq$ 0.15
	Cupping across width of board % - (EN13489)	$\leq$ 0.2 $\leq$ 0.2
Dimensional stability	Cupping short side max % - (ISO 24339)	$\leq$ 0.30 $\leq$ 0.25
	Cupping short side min % - (ISO 24339)	$\geq$ 0.20 $\geq$ 0.15
	Changes 30 - 85 % RH	
	Open joints short side join (mm) - (ISO 24339)	$\leq$ 0.20 $\leq$ 0.15
	Open joints long side join (mm) - (ISO 24339)	$\leq$ 0.30 $\leq$ 0.20
Underfloor heating	European Oak is suitable for floating installation as well as direct stick over underfloor heating. Please see special installation instructions for heated subfloors for oak range.	



### Technical Performance

Wear resistance	DIN 68861	S33	>550 cycles
Stain resistance	EN 13442	Floors with Edge Protect+	All except blue ink Class 5
			Blue ink Class 3
		Floors with Surface Protect + (Lacquered only)	Class 5
CE	EN 14342:2013	Notified body	0766 EPH Dresden DOP QW 0507
Castor chairs	ISO 4918	Tested with underlay 25.000	
Slip resistance	AS4586	Pendulum test P3	
Emission of formaldehyde	EN 717-1	Large Chamber ≤ E1	
PCP	CEN/TR 14823:2004	≤ 5 ppm	
Heat resistance	EN 12664: 2001	0,14 m².K/W	
Reaction to fire	ISO 9239.1	4.6 kW/m² / 22% smoke	

### Environmental Certificates

AFFSET	A	France
PEFC	PEFC/07-32-37	
EPD	Available on request	

