Technical Data Sheet
Quick-Step Cascada

Valid from: 08:2024

Subject to change without notification

General Data

Panel	2200 / 1820 x 190mm Oak 2200mm x 186mm Australian Species
Total Thickness	±13mm nominal
Number of lengths per pack	6
Pack contents	Includes some shorter boards
Quantity per pack	2.508^2 / 2.075m^2 Oak 2.455m^2 Australian Species
Pack weight	23.27kg / 21.79kg Oak 28.01kg Australian Species
Quantity per pallet	100.32m^2 (40 packs) 114.125m^2 (55 packs) 110.475m^2 (45 packs)
Bevel	Long sides

**At times listed dimensions may vary due to availability of raw material and as such a substitute size of 1820mm may be offered. Any differences will be notified at time of ordering.*

Panel Build Up

Surface layer thickness	PEFC controlled sources	EN 13489	± 2.5mm nominal
Core layer thickness	PEFC controlled sources	HDF Mastercore	± 8mm 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*
Wet warranty		15-years*
Commercial warranty		On request
Edge Protect +	Provides a warranty against moisture staining along the board's edges	15-years*
Surface & Edge Protect + (lacquered products only)	Provides a warranty against dirt trapped within the surface coating of a board	15-years*
Waterproof Surface	Provides a warranty against water damage excluding flooding or appliance failure	15-years*

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

Surface Layer

Wood species		Oak/Blackbutt & Spotted Gum
Origin		Europe/Australia
Finishing level		Extra matt/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.	

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Floorscape Ltd – 19c Triton Drive, Rosedale Auckland 0632 New Zealand

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Panel Build Up

	Surface Layer (visible elements)		
	Vibrant Grade Refers to All others	**Nature Grade** Refers to CASC5606	**AS2796 Medium Feature Grade (Std & Better)** CASC3858 & CASC3859
Sound sapwood	Permitted, colour stained	Permitted, colour stained	Permitted
Knot size (EN1310/AS2796)	≤ 80mm	≤ 20mm	≤ 40mm
Knot frequency	Unlimited	≤ 3 per lm	Unlimited
Knot filling	Half or fully filled	Fully filled	Fully filled
Checks/Cracks	Permitted if closed crack ≤ ½ the pack length	Not Permitted	Permitted unlimited
Bark pockets	Not permitted	Not permitted	Not permitted
Grain structure	Unlimited	Light to Moderate Variation	Unlimited
Colour variation	Lively variation	Light to Moderate	Unlimited / Very lively
Medullary ray	Permitted	Permitted	N/A
	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		
Underfloor heating	Blackbutt and Spotted Gum are not suitable. European Oak is suitable for floating installation over underfloor heating. Please see special installation instructions for Quick-Step floors over heated sub-floors.		
Machining tolerances	Lipping between boards- difference in height at joins (mm)		≤ 0.50mm
	Difference in board width (mm) – (EN13489)	≤ 0.20	≤ 0.15
	Cupping across width of board % - (EN13489)	≤ 0.2	≤ 0.2
Dimensional stability	Cupping short side max % - (ISO 24339)	≤ 0.30	≤ 0.25
	Cupping short side min % - (ISO 24339) Changes 30% – 85 % RH	≥ 0.20	≥ 0.15
	Open joints short side join (mm) – (ISO 24339)	≤ 0.20	≤ 0.15
	Open joints long side join (mm) – (ISO 24339)	≤ 0.30	≤ 0.20

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Technical Performance

Water resistance	ISO 4760	Qualitative rating for Recovery swell		1
		Quantitative rating for Recovery swell		<0.1mm
		Joint leakage		No leakage
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: On pack
UKCA	EN 14342:2013	Approved body	AB 0321 Satra UK	DOP: On pack
Castor chairs	ISO 4918	Tested with underlay		25.000
Slip resistance	AS4586	Pendulum test		P4
Emission of formaldehyde	EN 717-1	Large Chamber		≤ E1
PCP		CEN/TR 14823:2004		≤ 5 ppm
Heat resistance	EN 12664: 2001			0,11 m².K/W
Reaction to fire	ISO 9239.1			4.6 kW/m² / 13% smoke

Environmental Certificates

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

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