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	Size	ISO 24342	See page 3
	Thickness	ISO 24346	4.5 mm
	Wear layer	ISO 24340	0.3 mm
	Locking system <sup>1</sup>		2G™ angling installation system
	Surface treatment		K-Guard+® PU coating
	Warranty <sup>2</sup>	Commercial	10 years wear
		Domestic	Lifetime wear
	Bevelled edge		No
	Standards	EN 16511	Pass: Multilayer modular floorcovering panels
	Classification	ISO 10874 - Commercial	31: Commercial moderate
		ISO 10874 - Domestic	23: Domestic heavy
	Reaction to fire	AS ISO 9239.1:2003	CRF: 10.1 kW/m <sup>2</sup> Smoke value: 171% min.
	Staining	EN 438-2	Pass (Grade 5)
	Light fastness	EN ISO 105-B02	Pass (≥ 6)
	Abrasion resistance	EN 13329 Annex E	Pass (> 10 000 cycles)
	Furniture chair leg	EN 424	Pass (No visible damage)
	Dimensional stability	BS EN ISO 23999	Pass (≤ 0.25%)
	Swelling	ISO 24336	Pass (0.2%)
	Acoustic impact noise reduction	EN ISO 10140-1:2016	ΔLw = 19 dB
	Indentation - residual	ISO 24343-1	Pass (≤ 0.1 mm)
	Impact resistance	EN 13329 Annex F	Pass (≥ 1800 mm)
	Castor chair continuous use	ISO 4918	Pass (10 000 cycles)
	Thermal resistance	ISO 8302	0.0338 m <sup>2</sup> K/W
		Underfloor heating	Suitable. Max 27°C
	Slip resistance <sup>3</sup>	AS4586:2013	See separate table
	Adhesive		None; refer to installation instructions
	Environmental	Floorscore SCS-EC10.3-2014 v4.0	Certified
		Environmental Product Declaration	Type III EPD
		ISO 14001 / ISO 9001	Manufactured in certified facilities
	Partnerships	Green Building Council Australia	
		ResiLoop Founding Member	

	Recycling	<b>Suitable</b>
	Phthalate free	<b>Yes</b>

<sup>1</sup> 2G™ is a patented technology invented by Välinge Innovation AB. The 2G™ word mark and logo are registered trademarks owned by Välinge Innovation AB and any use of such marks is under license.

<sup>2</sup> Subject to terms. Please see our website.

<sup>3</sup> Slip resistance is measured on freestanding ex-factory product. Slip resistance can be affected by many factors, including but not limited to; product installation and underlayment, surface contamination, use, wear and how the product is maintained. Textural variation along the surface of the product can affect nominal values.

Every Karndean range and format meets our certification policy standards – please verify the current certification status

# Technical Datasheet

## Knight Tile - Rigid Core

Plank/Tile	Size (mm)	Size (in)	Box qty (m <sup>2</sup> )	Box qty (pieces)	Slip Resistance
Plank	1220.0 x 180.0	48.03" x 7.09"	3.074	14	R10, P3
Tile	304.8 x 457.2	12.0" x 18.0"	2.787	20	R10, P4