Technical Datasheet
LooseLay Originals

		STANDARD	RESULT
	Size	ISO 24342	**See page 3**
	Thickness	ISO 24346	**4.5 mm**
	Wear layer	ISO 24340	**0.55 mm**
	Surface treatment		**K-Guard+® PU coating**
	Backing		**PVC Friction Pad**
	Warranty[1]	Commercial	**15 years wear**
		Residential	**Lifetime wear**
	Bevelled edge		**No**
	Standards	ISO 10582	**Pass**
	Classification	ISO 10874 - Light industrial	**42: Light industrial general**
		ISO 10874 - Commercial	**33: Commercial heavy**
		ISO 10874 - Domestic	**23: Domestic heavy**
	Reaction to fire	AS ISO 9239.1 (AUS) / ISO 9329.1 (NZ)	**Pass**
			CRF: ≥ 4.5kW/m^2
			Smoke Value: ≤ 750%.min
	Staining resistance	EN ISO 26987	**Excellent**
		ASTM F925	**Pass**
	Light fastness	ISO 105-B02	**Pass (≥ 7)**
		ASTM F1515	**Pass**
	Abrasion resistance	EN 649	**Group T**
		ISO 10582	**Type 1**
		ASTM D3884	**Pass**
	Flexibility	ISO 24344	**Pass**
	Dimensional stability	ISO 23999	**Pass (≤ 0.10%)**
		ASTM F2199	**Pass**
	Acoustic impact sound reduction	ISO 140-8 / ISO 10140-3 / ISO 717-2	**ΔLw = 14 dB**
			Ln,w = 64dB (150mm concrete slab, no ceiling)
			Ln,w = 53dB (150mm concrete slab, with ceiling)[2]
	Acoustic impact insulation class	ASTM E492 / ASTM E989	**IIC = 57 dB (150mm concrete slab with ceiling)[2]**
			Suitable for use between sole occupancy units (SOUs) without the need for a separate acoustic underlay in certain floor/ceiling constructions, details available from Karndean.[2]

	Electrical behaviour body voltage	EN 1815	**Pass**
		AATCC 134-1996	**Pass**
	Indentation - residual	ISO 24343-1	**Pass (≤ 0.1 mm)**
		ASTM F1914	**Pass (<8%)**
	Castor chair continuous use	ISO 4918	**Pass**
	Thermal resistance	ISO 8302	**0.0245 m^2K/W**
		Underfloor heating	**Suitable. Max 27°C**
	Slip resistance[3]	AS/NZS 4586	**See separate table**
	Light Reflectance Value (LRV)	AS 1428.1	**Visit www.karndeancommercial.com for results**
	Adhesive		**Compatible with Karndean range of adhesives; please refer to the applicable TDS**
	Environmental	GBCA/NZGBC GreenStar Rating System	**GreenRate Level 'A'; Best Environmental Practice PVC V2.0**
		SCS Floorscore	**Certified**
		Eurofins Indoor Air Comfort	**Gold**
		Environmental Product Declaration	**Type III EPD**
		ISO 14001 / ISO 9001	**Manufactured in certified facilities**
	Partnerships	Green Building Council Australia	
		ResiLoop Founding Member	
		Vinyl Council Australia	
	Recycling		**Suitable**
	Phthalate free		**Yes**

[1] Subject to terms

[2] Acoustic performance is dependent upon the complete floor/ceiling construction. Results relate to the tested assemblies, test reports available upon request. Where project-specific compliance is required, assessment should be undertaken by the project acoustic consultant or relevant authority.Slip resistance is measured on freestanding ex-factory product.

[3] 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

Plank/Tile	Size (mm)	Size (in)	Box qty (m^2)	Box qty (pieces)	Slip Resistance
Plank	1050.0 x 250.0	41.34" x 9.84"	3.15	12	R10, P3
Tile	500.0 x 610.0	19.69" x 24.02"	3.05	10	R9, P2