

	Standard	Result
Size	ISO 24342	1500.0 mm x 250.0 mm
Thickness	ISO 24346	4.5 mm
Wear layer	ISO 24340	0.5 mm
Surface treatment		K-Guard+ PU coating
Backing		PVC Friction Pad
Warranty <sup>1</sup>	Commercial	15 years wear
	Residential	Lifetime wear
Bevelled edge		No
Standards	ASTM F1700	Pass
Classification	ISO 10874 - Commercial	33: Commercial heavy
	ISO 10874 - Domestic	23: Domestic heavy
Reaction to fire	AS/NZS ISO 9239.1:2003	CRF: 8.3 kW/m <sup>2</sup> Smoke Value: 143% min.
Staining resistance	EN ISO 26987/EN 423	Excellent
	ASTM F925	Pass
Light fastness	ISO 105-B02	Pass (≥ 7)
	ASTM F1515	Pass (< 8)
Abrasion resistance	EN 649	Group T
	ISO 10582	Type 1
	ASTM D3884	Pass
Flexibility	ISO 24344	Pass
Dimensional stability	EN 434/ISO 23999	Pass (≤ 0.10%)
	ASTM F2199	Pass
Acoustic impact noise reduction	ISO 140-8 Improved Impact Sound Insulation ASTM E492-09 Impact Insulation Class	ΔL <sub>w</sub> = 14 dB IIC 56 dB  Suitable for use on upper floors of residential high-rise apartment buildings without the need for a separate acoustic underlay under certain build specifications - precise details available from Karndeans.  NCC 2016 F5.3 (a) result refers to Karndeans INSUL Marshall Day Software report for your MULTI Res specification including AAAC Star rating
Electrical behaviour body voltage	EN 1815	Pass
	AATCC 134-1996	Pass
Indentation - residual	EN 433/ISO 24343-1	Pass (≤ 0.1 mm)
	ASTM F1914	Pass (< 8%)
Castor chair continuous use	EN 425/ISO 4918	Pass
Thermal resistance	ISO 8302	0.0245 m <sup>2</sup> /K/W Suitable for underfloor heating. Max 27°C
Slip resistance <sup>2</sup>	AS/NZS 4586:2013	R10
Adhesive		Karndeans Hi-Tack PS Adhesive when applicable; please refer to our installation instructions.
<b>Environmental</b>	GBCA/NZGBC GreenStar Rating System Floorscore SCS-EC10.3-2014 v4.0	GreenTag Level 'A'; LCA Silver Plus; Best Practice PVC Indoor air quality certified; Compliant low emitting VOC emissions.
Indoor Air Comfort	Indoor Air Comfort	Gold certification Compliant low emitting VOC emissions.
Environmental Product Declaration	Environmental Product Declaration	Product-specific Type III EPD (products with external third-party verification)
NSF/ANSI 332	NSF/ANSI 332	Sustainability Assessment for Resilient Floor Coverings; Silver certified product
ISO 14001 / ISO 9001	ISO 14001 / ISO 9001	Manufactured to quality and environment management systems standards
Recycling		Suitable
Phthalate free		Yes

<sup>1</sup> Subject to terms

<sup>2</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.

**For more information:**

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Product Code	Size		Box Quantity		Slip Resistance
	mm	inches	m <sup>2</sup>	Pieces	Oil-Wet Ramp
LLP301	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP302	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP304	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP306	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP308	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP310	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP311	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP312	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP313	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP314	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP316	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP317	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP325	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP326	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP327	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP328	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP329	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP331	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP334	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10
LLP335	1500.0 x 250.0	59.06" x 9.84"	3.000	8 Planks	R10

Wood Designs