

Kingswood™ 1.2

Technical Data

Product Classification

Type of floor covering	EN ISO 10582	Hybrid Flooring
Classification	ISO 10874	Domestic Heavy Duty (23)
Warranty*	Domestic Commercial - available upon request	15 years 3 years

*All warranties are in addition to any rights consumers may have under Australian and New Zealand consumer laws. Terms and conditions apply - for full information in respect to the scope of the residential warranty, please see armstrongflooring.au or armstrongflooring.co.nz or contact our Head Office. For the commercial warranty, contact your Armstrong Flooring representative.

Product Structure

Dimensions (mm)	1220 x 180 x 6mm
Surface treatment	Cerashield™ Surface Technology
Wear layer (mm)	0.30mm
Bevel	Micro
Core Type	ALITE ® Core Technology
Backing Type	1.50mm XFD Acoustic Backing™
Locking System	Angle/Angle - Side Tap (Manufactured under license from Unilin BV)

Packaging

Planks/carton	11
m ² /carton	2.42
Kg/carton	19.6

Sustainability

Global GreenTag	GreenRate Level A
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Product Testing		Standard	Requirement	Result
Slip	Wet Pendulum	AS4586	-	P3
Fire	Critical radiant flux	ASISO9239-1	≥ 4.5kW/m ²	10.4kW/m ²
	Smoke development rate	AS ISO 9239-1	≤ 750%.minutes	95%.minutes
Acoustic	Impact sound insulation - 150mm concrete slab with drop ceiling - 288mm cavity, 50mm glass wool insulation, 12mm gypsum board	ISO 10140-3 ISO 717-2	≤ 62dB	L _{n,w} = 40dB (6 Star)
	Impact insulation class - 150mm concrete slab with drop ceiling - 288mm cavity, 50mm glass wool insulation, 12mm gypsum board	ASTM E989-21	-	IIC = 70
	Improvement of impact sound insulation - 200mm concrete slab	ISO 10140-1 ISO 717-2	-	ΔL _w = 20dB
Surface	Abrasion	EN660-1	Group P	Group T
	Castor chair (no IXPE)	ISO 4918	≥ 25,000	25,000
	Martindale (wear resistance)	EN16094	MSR-B2	MSR-B1
	UV adhesion	-	≥ 2	2
	Colour fastness	ISO 105-B02	≥ 6	6
Core	Deviation on end click	EN428	+/- 0.12mm	0.00mm
	Dimensional tolerance	EN427	Length ± 0.30mm Width ± 0.12mm	Length 0.01mm Width 0.00mm
	Peel strength	ISO 24345	> 50N	149N
	Shrink-vertical % (80°C 6hr)	ISO 23999	≤ 0.25%	0.018%
	Shrink-horizontal % (80°C 6hr)	ISO 23999	≤ 0.25%	0.017%
	Curling (80°C 6hr)	ISO 23999	≤ 2 mm	0.10mm
	Click lock strength	EN431	≥ 110N	Horizontal: 251N Vertical: 160N
	Residual indentation	ISO 24343	≤ 0.40mm (with IXPE)	0.13mm

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NZ: www.armstrongflooring.co.nz/kingswood1.2

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