

# Kingswood™ 1.5

## Technical Data

### Product Classification

Type of floor covering		Hybrid flooring
Classification (Use Area)	ISO 10874	Domestic: 23 (Heavy) Commercial: 33 (Heavy)
Warranty*	Domestic Commercial - available upon request	25 years 15 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](http://armstrongflooring.au) or [armstrongflooring.co.nz](http://armstrongflooring.co.nz) or contact our Head Office. For the commercial warranty, contact your Armstrong Flooring representative.

### Physical Properties

Surface Treatment		Cerashield Surface Technology
Colours (Standard)		12
Overall thickness (mm)	ISO 24346	6.5
Wear layer (mm)	ISO 24340	0.55
Bevel		Micro
Core type		Alite Core Technology
Locking system		Angle/Angle - Side Tap (Manufactured under license from Unilin BV)
Backing type		150mm XFD Acoustic Backing
Dimensions (mm)	ISO 24342	1500 x 182
Planks/carton		8
m <sup>2</sup> /carton		2.18
m <sup>2</sup> /pallet		109.0
kg/carton		19.7

### Installation

To current AS/NZS 1884 and Armstrong Flooring Hybrid Installation Instructions

### Sustainability

Global GreenTag		GreenRate Level A
TVOC Emissions		Compliant with Green Building Council low emitting VOC emission rates

### Technical Performance

Slip Resistance	AS 4586 Wet Pendulum (Appendix A)	P3
Fire Resistance (Floor)	AS ISO 9239-1 Critical Radiant Flux (CHF Value) Smoke Development Rate	≥ 4.5kW/m <sup>2</sup> ≤ 750%min
Acoustic	ISO 10140-3 & ISO 717-2 Impact sound insulation	L <sub>n,w</sub> = 40dB (150mm concrete with drop ceiling - 288mm cavity, 50mm glass wool insulation, 12mm gypsum board)
	ASTM E989-21 Impact insulation class	IIC = 70 (150mm concrete and drop ceiling - 288mm cavity, 50mm glass wool insulation, 12mm gypsum board)
	ISO 712-2 Improvement of impact sound insulation	ΔL <sub>w</sub> = 20dB (200mm concrete slab)
Other		
Abrasion	EN 660-2	Group T
Colour fastness	ISO 105-B02, Method 3	Pass

### Accreditation

Manufactured under accredited ISO 9001 quality and ISO 14001 environmental management systems

All specifications are current as at date of publication and may be changed without notice. For current and complete specifications please visit [armstrongflooring.au](http://armstrongflooring.au) or [armstrongflooring.co.nz](http://armstrongflooring.co.nz)

All Armstrong Flooring products must be installed in accordance with the relevant Australian and/or New Zealand applicable standards and the Armstrong Flooring Installation Instructions.

Variations may occur between samples, photographic images, and batches in terms of colour, shade, pattern or similar.

AU: [www.armstrongflooring.au/kingswood1.5](http://www.armstrongflooring.au/kingswood1.5)

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