

# Kingswood™ Select Oak

## Technical Data

### Product Classification

Type of floor covering	EN ISO 10582	Hybrid Flooring
Classification	ISO 10874	Domestic Heavy Duty (23) Commercial Heavy Duty (33)
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.

### Product Structure

Dimensions (mm)	1830 x 182 x 6.5 mm
Surface treatment	CeraShield™ Surface Technology
Wear layer (mm)	0.55 mm
Bevel	Micro
Core Type	<b>ALITE</b> ® Core Technology™
Backing Type	1.50mm XFD Acoustic Backing™
Locking System	Angle/Angle - Side Tap (Manufactured under license from Uniin BV)

### Packaging

Planks/carton	6
m <sup>2</sup> /carton	2.00
Kg/carton	18.3

### Sustainability

Global GreenTag	GreenRate Level A
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Product Testing		Standard	Requirement	Result
Slip	Wet Pendulum	AS4586	-	P3
Fire	Critical radiant flux	ASISO 9239-1	≥ 4.5kW/m <sup>2</sup>	9.9kW/m <sup>2</sup>
	Smoke development rate	AS ISO 9239-1	≤ 750%.minutes	85%.minutes
Acoustic	Impact sound insulation - 150mm concrete and drop ceiling – 288mm cavity, 50mm glass wool insulation, 12mm gypsum board	ISO 10140-3 ISO 717-2	≤ 62dB	L <sub>n,w</sub> = 40dB (6 Star)
	Impact insulation class - 150mm concrete and 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 <sub>w</sub> = 20dB
Surface	Abrasion	EN660-1	Group P	Group T
	Castor chair (no IXPE)	ISO4918	≥ 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	Length 0.01mm
			Width ± 0.12mm	Width 0.01mm
	Peel strength	ISO 24345	> 50N	129N
	Shrink-vertical % (80°C 6hr)	ISO 23999	≤   0.25%	0.015
	Shrink-horizontal % (80°C 6hr)	ISO 23999	≤   0.25%	0.02
	Curling (80°C 6hr)	ISO 23999	≤   2   mm	0.1mm
	Click lock strength	EN431	≥ 110N	Horizontal: 180N
				Vertical: 154N
Residual indentation	ISO 24343	≤ 0.40mm (with IXPE)	0.17mm	

AU: [www.armstrongflooring.au/kingswoodselectoak](http://www.armstrongflooring.au/kingswoodselectoak)  
 NZ: [www.armstrongflooring.co.nz/kingswoodselectoak](http://www.armstrongflooring.co.nz/kingswoodselectoak)

