

Chesterfield™ 4.5

Technical Data

Product Classification

Type of floor covering	EN ISO 10582	Luxury Vinyl Plank
Classification	ISO 10874	Domestic Heavy Duty (23) Commercial Heavy Duty (33) Industrial General Duty (42)
Warranty*	Domestic	25 years
	Commercial - available upon request	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 or armstrongflooring.co.nz or contact our Head Office. For the commercial warranty, contact your Armstrong Flooring representative.

Product Structure

Dimensions (mm)	1219 x 184 x 4.5mm
Surface treatment	PUR > 48% clear
Wear layer (mm)	0.55
Bevel	Micro
Core	Double fibreglass reinforced
Installation	Glue down in accordance with current installation guide and AS/NZ 1884

Packaging

Planks/carton	10
m ² /carton	2.24
Kg/carton	17.8

Sustainability

Global GreenTag	GreenRate Level A
-----------------	-------------------

Product Testing

Product Testing		Standard	Requirement	Result
Slip	Wet Pendulum	AS4586	-	P3
Fire	Critical radiant flux Smoke development rate	AS ISO 9239-1	≥ 4.5kW/m ²	10.1kW/m ²
		AS ISO 9239-1	≤ 750%.minutes	148%.minutes
Acoustic	Impact sound insulation 150mm concrete slab with 3mm underlay and drop ceiling - 288mm cavity, 50mm glass wool insulation, 12mm gypsum board	ISO 10140-3 ISO 717-2	≤ 62dB	L _{n,w} = 42dB (5 Star)
	Impact insulation class 150mm concrete slab with 3mm underlay and drop ceiling - 288mm cavity, 50mm glass wool insulation, 12mm gypsum board	ASTM E989-21	-	IIC = 67
Surface	Abrasion	EN660-2	-	Group T
	Martindale (wear resistance)	EN16094	MSB-B2	MSR-B1
	UV adhesion	-	≥ 2	2
	Colour fastness	ISO 105-B02	≥ 6	6
Core	Dimensional tolerance	EN427	Length ± 0.30mm	Length 0.00mm
			Width ± 0.12mm	Width 0.00mm
	Peel strength	ISO 24345	> 50N	123N
	Shrink-vertical % (80°C 6hr)	ISO 23999	≤ Q25%	0.081
	Shrink-horizontal % (80°C 6hr)	ISO 23999	≤ Q25%	0.135
	Curling (80°C 6hr)	ISO 23999	≤ 2 mm	0.2mm
	Residual indentation	ISO 24343	≤ 0.10mm	0.026mm

AU: www.armstrongflooring.au/chesterfield4.5

NZ: www.armstrongflooring.co.nz/chesterfield4.5



ArmstrongFlooring™