

# Kingswood™ 1.5

## Technical Data

### Product Classification

|                           |                                                    |                                                   |
|---------------------------|----------------------------------------------------|---------------------------------------------------|
| Type of floor covering    | Hybrid flooring                                    |                                                   |
| Classification (Use Area) | ISO 10874                                          | Residential: 23 (Heavy)<br>Commercial: 33 (Heavy) |
| Warranty*                 | Residential<br>Commercial - available upon request | 25 years<br>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              | A-Lite Core Technology®                                               |            |
| Locking system         | Angle/Angle - Side Tap<br>(Manufactured under license from Unilin BV) |            |
| Backing type           | 1.50mm 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<br>Wet Pendulum (Appendix A)                                         | P3                                                                                                                          |
| Fire Resistance (Floor) | AS ISO 9239-1<br>Critical Radiant Flux (CHF Value)<br>Smoke Development Rate | ≥ 4.5kW/m <sup>2</sup><br>≤ 750%.min                                                                                        |
| Acoustic                | ISO 10140-3 & ISO 717-2<br>Impact sound insulation                           | L <sub>n,w</sub> = 40dB<br>(150mm concrete with drop ceiling - 288mm cavity, 50mm glass wool insulation, 12mm gypsum board) |
|                         | ASTM E989-21<br>Impact insulation class                                      | IIC = 70<br>(150mm concrete and drop ceiling - 288mm cavity, 50mm glass wool insulation, 12mm gypsum board)                 |
|                         | ISO 712-2<br>Improvement of impact sound insulation                          | ΔL <sub>w</sub> = 20dB<br>(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)

NZ: [www.armstrongflooring.co.nz/kingswood1.5](http://www.armstrongflooring.co.nz/kingswood1.5)

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