

Kingswood™ 1.5

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 | 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) | 1500 x 182 x 6.5mm |
| Surface treatment | CeraShield™ Surface Technology |
| Wear layer (mm) | 0.55mm |
| Bevel | Micro |
| Core Type | A LITE® Core Technology |
| Backing Type | 1.50mm XFD Acoustic Backing™ |
| Locking System | Angle/Angle - Side Tap (Manufactured under license from Unilin BV) |

Packaging

| | |
|------------------------|------|
| Planks/carton | 8 |
| m ² /carton | 218 |
| Kg/carton | 19.7 |

Sustainability

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

| Product Testing | | Standard | Requirement | Result |
|-----------------|---|--------------------------|------------------------|----------------------------------|
| Slip | Wet Pendulum | AS4586 | - | P3 |
| Fire | Critical radiant flux | AS ISO 9239-1 | ≥ 4.5kW/m ² | 9.9kW/m ² |
| | Smoke development rate | AS ISO 9239-1 | ≤ 750%.minutes | 85%.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 | Length 0.01mm |
| | | | Width ± 0.12mm | Width 0.01mm |
| | | | Peel strength | ISO 24345 |
| | Shrink-vertical % (80°C 6hr) | ISO 23999 | ≤ 0.25% | 0.069% |
| | Shrink-horizontal % (80°C 6hr) | ISO 23999 | ≤ 0.25% | 0.044% |
| | Curling (80°C 6hr) | ISO 23999 | ≤ 0.25% | 0.09mm |
| | Click lock strength | EN431 | ≥ 110N | Horizontal: 189N |
| | | | | Vertical: 201N |
| | Residual indentation | ISO 24343 | ≤ 0.40mm (with IXPE) | 0.09mm |

AU: www.armstrongflooring.au/kingswood1.5

NZ: www.armstrongflooring.co.nz/kingswood1.5

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