TECHNICAL DATASHEET · ACCESSORIES

Wood and Laminate Underlay 23dB Sound Reduction

Kite Flooring

Dense 3.6mm sponge rubber with a built-in Vapourstop membrane, for floated wood and laminate floors. Sold in 15m² rolls.

3.6mm	23dB	15m²	0.55
Thickness	Impact sound reduction	Coverage per roll	Thermal resistance (tog)

Why we recommend it

- Our standard underlay for floated wood and laminate floors. Heavy, dense rubber (707 kg/m³) that cuts impact sound by up to 23dB.
- Rubber doesn't flatten out like cheap foam: only 4.7% thickness loss after dynamic loading, so it keeps performing for the life of the floor.
- Low tog rating, so heat gets through. Suitable for water-based underfloor heating.
- Built-in silver Vapourstop membrane to keep moisture from the subfloor away from your floor.
- Antimicrobial and mildew resistant, with no objectionable odour.
- Low VOC (CRI Green Label Plus), 100% recyclable, made in the UK.

When to choose something else

- **Sound-proofing really matters** (e.g. a flat with management company requirements): use our 26dB High performance underlay.
- **Electric (mat or dry) underfloor heating:** the manufacturer doesn't recommend an underlay with these systems.
- **Smaller rooms:** rolls are 15m². For a small laminate floor, our 10m² Laminate underlay may mean less waste.
- **Glued-down floors:** this is for floated floors only. Talk to us, it can get technical.

Guarantee

Guaranteed by the manufacturer for the serviceable lifetime of the flooring.

Technical data

Material: sponge rubber (green), with a silver printed Vapourstop membrane. Complies with BS 5808:1991 / EN 14499:2015.

Property	Value	Standard
Nominal thickness	3.6mm	ISO 1765
Roll size Nominal, 1.37m × 11.00m	15.07m²	—
Density / weight Roll weight 38.3 kg	707 kg/m³ 2545 g/m²	—
Impact sound reduction (ΔLw)	23 dB	BS EN ISO 140-8 / 717-2
Impact Insulation Class (IIC)	54	ASTM E989-06
Drum sound (overall loudness)	56 Sone	EPLF 021029-1
Work of compression Retention after loading: 79%	57 J/m²	BS 4098 / ISO 2094
Thickness loss, dynamic load Max allowed 15%	4.7%	BS 4052 / ISO 2094
Thickness loss, static load Max allowed 15%	7.7%	ISO 3415/3416
Breaking strength (length / width)	242N / 106N	EN ISO 13394
Moisture resistance g/m²/24hrs at 38°C, 90% RH	1.5	ASTM F1249
Thermal resistance	0.55 tog	BS 4745
Reaction to fire	Cfl-s1	EN 13501-1

Antimicrobial · Mildew resistant · Low VOC · 100% recyclable · Made in the UK

Underfloor heating

Suitable for water-based underfloor heating. Not recommended with electric mat or dry systems.

Nominal values from the manufacturer's technical specification. Roll sizes may vary slightly, within BS EN 14499:2015. Issued November 2026.