

CLEVER UNDERLAY

Quality underlay options for all floorboards



CLEVER CHOICE

✔ Quality ✔ Style ✔ Value

Fashion in flooring





When Sound Matters!

Reflective Noise

Reflective noise is the experience when you walk on your completed flooring system. The amount of noise you hear will depend on the type of underlay you select. When installed under Laminates, Hydro, Hybrid, Engineered Timbers or Bamboo floating floors or direct stick, higher density underlays can reduce the rebound noise by up to 40%. You will enjoy a more comfortable, solid feeling and quieter floor in your home.

Disclaimer

This Acoustic test is provided as is' without any representation or guarantees, express or implied. Clever Choice "Paxwood Pty Ltd" makes no representations or guarantees in relation to this Acoustic Test or the information and materials provided herein. The information and data collected herein are based on industry accepted testing methods. It is intended as descriptive of the performance characteristics and capabilities of Clever acoustic underlays and does not certify for a specific project. Although all efforts are taken to include accurate up to date information, without prejudice to the generality of this paragraph, Clever Choice does not guarantee or warrant that the information in this Acoustic Test is complete, true, accurate or non misleading. This Acoustic Test was provided solely for information purposes. You should not act upon information without consulting Clever Choice or an appropriate Acoustical Consultant. Whilst these tests provide expected results, the performance of the product can vary depending on many variables such as but no limited to building design, floor materials and density, room layout and installation method.

Multi-Level Living Noise

Multi-level noise testing may involve your site being tested with your selected underlay and flooring system installed, depending on your body corporates guidelines. This test would involve an independent professional using a calibrated tapping machine to be placed on the installed underlay and flooring system of choice. In the room below a microphone is used to measure the noise reduction below. It would be expected each site will perform differently depending on the density and thickness of the concrete and also the construction and materials.

Building Code of Aust. 2004 (BCA) established some standardised requirements for multi-level noise. These BCA guidelines were established after much consultation, and offer the only authoritative guideline for such noise in Australia. The BCA states that multi-level noise should not exceed LnT,w of 62. Unfortunately, the standard Strata Title Act only states that "peaceful enjoyment" of adjoining lots must be provided. Such an arbitrary and vague guideline has led many Body Corporates to register special guidelines for their own building.

Please refer to these guidelines carefully when enacted. It is quite clear that floating floor systems work very well because of the inherent isolation afforded by this method of installation. It is also clear that other factors like use of rugs and runners, soft sole shoes and the type of use of any upper floor space will also have a profound effect on the amount of noise received downstairs.

For more details, please refer to the Clever Choice website
www.cleverchoice.com.au

Make it a Clever Choice under your floor!



Quality Style Value

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Clever Underlay 840126

Cork 5mm

Application

Our all purpose light weight acoustic cork underlay for floating and direct stick application with Laminate, Hydro, Hybrid, Oak, Australian Timbers and Bamboo ≤21mm in thickness.

Suitable for

Home renovations, single, split-level, and multi-storey homes plus most to all high-rise developments, multi-dwelling projects and all commercial

Features & Benefits

- ✓ Non-toxic, natural, environmentally friendly and fire retardant
- ✓ Lightweight to make transportation and handling easier
- ✓ Suitable for underfloor heating to add warmth to your home
- ✓ Stress crack protection for floor coverings
- ✓ Raise levels to meet tiles and carpet areas, minimise construction heights for a seamless finish
- ✓ High acoustic, thermal, and moisture proof underlay for added temperature control and to help you save on your power consumption in your home
- ✓ Does not absorb water or support the growth of mould in moist situations



Specifications	Measure
Thickness	5mm
Width x Length	0.5m x 1m
Roll Size	60sheets/30m ²
Specific Weight	150-200 kgs/m ²
Thermal Conductivity	0.038 W/mK
Thermal Resistance	0.132 m ² o K/W
Tensile Strength	200 KPa
Acoustic Performance	45 (LnT,w)**
Compression (0.7MPa)	30%
Recovery (0.7MPa)	>70%
Durability	Lifetime of flooring



Acoustic test results were conducted by Koikas Acoustics Pty Ltd. Test results are site-specific and were compared to the acoustic requirements of Part F5 of BCA (Building Codes of Australia), the standards prescribed by the Association of Australian Acoustical Consultants (AAAC) and City of Sydney Council's DCP 2012 requirements. All measurements were carried out following the guidelines and procedures outlined in AS/NZS ISO 140.7:2006 "Field measurements of impact sound insulation of floors" with the rating determined as per AS ISO 717.2:2004 "Rating of sound insulation in buildings and of building elements".

Information gathered and provided by Paxwood Pty Ltd t/a Clever Choice Design Floors is given in good faith as a suggested guide in specifying Clever Choice Underlays, no guarantee or warranty is expressed or implied. No liability is accepted for any loss or damage, direct or indirect that may result from using the information and/or suggestions as actual conditions for use that are beyond our control.



Choose Cork for superior performance & excellent thermal insulation!



Pre-applied moisture resistant barrier on
Clever Silver, Comfort, Sound & Acoustic 5

Clever sound reduction

Thermal reduction for increased comfort

Cushions flooring to reduce impact noise
from footfall

Manufactured for durability & resilience

Clever comfort underfoot

Real timber feel underfoot

Guaranteed for the life of the flooring



Clever Underlay

SGS

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