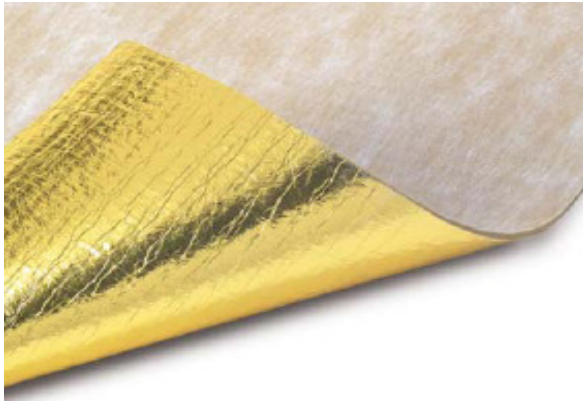


# ACOUSTIC LAMINATE UNDERLAY - To reduce impact noise under laminate floors



## Key Benefits

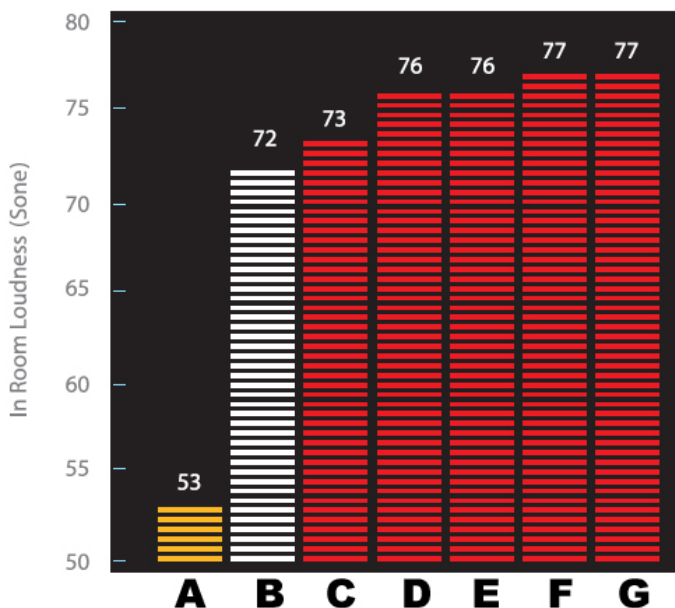
- Superior impact reduction when used beneath laminate or wood floors
- Independently tested to produce a rating of 53 SONE
- Suitable for use with underfloor heating
- Incorporates a Vapour barrier, eliminating the need for extra moisture protection such as polythene sheeting
- Prevents overstraining of wood and laminate boards
- Simple, quick and easy to install
- Supplied on a roll 11m x 1.37m x 4.2mm thick.
- Available from stock

## Description

Our Acoustic Laminate Underlay is designed specifically to reduce the impact noise (walking/footfall) created when walking on a laminate, engineered wood and other thin, solid timber floors. When you walk on these surfaces a large amount of impact as well as airborne noise is created (due to the hard surface) this can often be a nuisance to the people living below.

The Laminate Underlay is made up of a 4.2mm layer of high density resilient rubber sponge with a foil faced moisture barrier laminated to one side. It can be easily cut with a knife or scissors and if used in conjunction with our soundproofing mats it will provide both impact AND airborne noise reduction through the floor with minimal height rise.

## ACOUSTIC PERFORMANCE



- A = Sound Service's Acoustic Laminate Underlay  
 B = No Underlay  
 C = Common PU Acoustic Underlay  
 D = Well known combination Acoustic Underlay  
 E = Well Known wood fibre underlay tiles  
 F = Well known transitional sound acoustic underlay  
 G = Common polythene 2.50mm cell foam

## Weighted Impact Sound Improvement Index (Delta Lw) 27dB!!

This is a substantial improvement in impact noise transfer over not having any acoustic underlay and if soundproofing mats are used in conjunction as well then this figure will be even higher.

Sone wood/laminate flooring test

Drum sound emission (Overall loudness)

Typical 2.5mm PE Foam=77 Sone - this product tested at only 53 Sone!!

ADDITIONAL INFORMATION AND INSTALLATION DETAIL CAN BE FOUND ON OUR WEBSITE

## The Drum Sound Test

The Drum Sound test is measured in 'SONE', a measurement of perceived loudness, scaled for human auditory sensitivities. The result of this test is simply shown as a SONE rating.

The test ratings confirm that our Acoustic Laminate Underlay significantly reduces 'in room' noise when used under wood and laminate flooring, due to their heavy mass, stability and 'stay put' qualities which help to absorb sound energy. The test shows 'in room' acoustics can worsen if inferior or lightweight underlays are used – putting a lightweight, air filled, cellular product under wood or laminate creates an echo chamber.....and more noise !

## LOW SONE = LOW SOUND

The graph below shows comparison between several laminate acoustic underlays, widely sold in the UK and all tested to the SONE standard.