



HARMONY
TIMBER FLOORS

L_{nT,w} 43

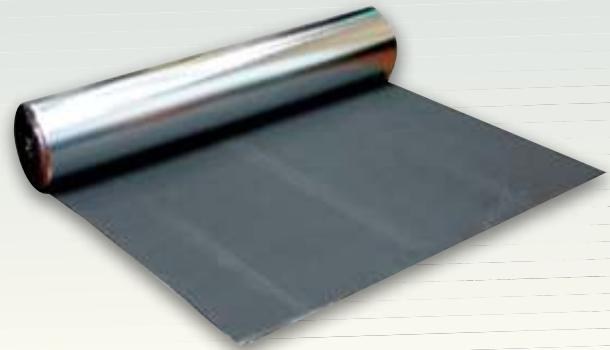


HARMONY SILENT-STEP HIGH DENSITY, ACOUSTIC, WATER RESISTANT UNDERLAY

Harmony Silent-Step underlay is a two part High Density foam underlay designed to reduce the noise associated with Timber and Laminate floors. Producing a floor with a more solid feel and traditional acoustics. Our underlay is also backed with an LDPE Silver film moisture barrier creating real protection from rising moisture. Harmony Silent-Step Underlay has been field tested to meet the acoustic requirements of most residential and multi-story developments.

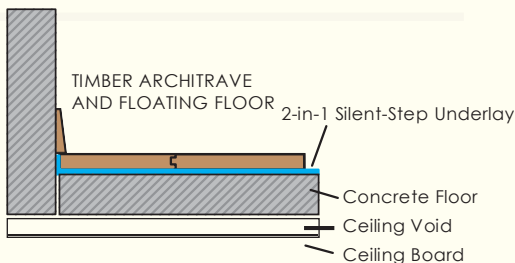
IMPACT ISOLATION CLASS

A measure or specification of isolation effectiveness of building structures from impact noise such as slammed doors, dropped objects, footfalls, shuffled furniture, etc. rating. Impact noises can be transmitted through walls, floors, and ceilings throughout a building and re-radiated at distant locations. Careful design and special construction materials (floating floors, isolation pads, resilient channels, spring rails, flexible connectors and hangers, for example) can help improve acoustic ratings, which may be thought of as the structure-borne equivalent of the airborne noise ratings addressed by Sound Transmission Class (STC). The test is performed by placing a tapping machine in a source room and measuring the noise levels below and adjoining apartments.



FEATURES AND BENEFITS

1. Reduce both upwards and downwards noise by up to 35% when compared with other underlay's.
2. Easy to handle light weight rolls reduce wastage and cost associated with installation.
3. LDPE silver backing reduce issues arising from slab moisture or rising damp.
4. Extra tough to wear onsite exposure from tools and boots.
5. Will not promote the growth of mould.
6. Will not retain water or excess moisture.
7. Suitable for applications over multiple subfloors including concrete, particle board, tiles and cork.
8. Compatible with our full range of products including Laminate, Engineered Timber floors.



SPECIFICATIONS

Reflected Noise adjustment	35%
Thickness Of Product	3mm
Backing	LDPE Silver polymer
Compression Reduction (8hour)	0.2%
(500Hour)	0.7%
Rolls	1000mm x 20000mm

FLOATING TIMBER FLOORS

2-in-1 Underlay

LDPE foam underlay. Backed with 100 micron waterproof LDPE Silver film with 80mm overlap, 3mm thick applied over concrete, under floating timber or laminate floors. Apply PP tape to butt joints. Return edges at wall to isolate floor from walls. 20m x 1.2m x 3mm rolls.

Field test result L_{nT,w} = 45. REDUCTION IN

Measurements conducted in accordance with International Standard ISO 140-7 "Field measurements of impact sound insulation of floors"; International Standard ISO 717-2 "Impact sound insulation"; ASTM E492-90 "Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine" and, ASTM E989-89 "Determination of Impact Insulation Class (IIC)". Measurements and procedures documented in this report have been carried out in accordance with. This quality system is based on AS/NZS ISO 9001:1994.



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