

Woodland Acoustic Systems

For concrete floors



Our goal is to simplify acoustic flooring specification, nationwide.

Simplify specification

Simplify installation

Reduce build-up heights

Increase design freedom

Woodland Acoustic Systems

NZBC G6 requires that multi-tenant residential buildings perform at certain acoustic levels. Traditionally these requirements are met with a suspended floor system and a drop ceiling. Woodland Lifestyle has developed two acoustic floor systems that eliminate the need for these complex and costly requirements, reducing the floor build-up, cost, and complexity whilst giving clients greater design freedom.

SoundLite

SoundLite is a complete finished floor system that is low cost, simple to install and has a very low build-up. Suitable for both residential and commercial applications, SoundLite is best suited to medium-density housing and apartments. No stepped transitions to carpet products are required due to the low build-up.

- ✓ Smallest Build-up
- ✓ Simplest installation
- ✓ Very cost-effective
- ✓ Final floor finish limited

SoundPro

SoundPro takes advantage of German-engineered acoustic panels giving you excellent acoustic performance while maintaining a low build-up. Suitable for residential and heavy commercial use, SoundPro does not include a final floor covering allowing full design flexibility.

- ✓ Superior acoustic performance
- ✓ Full design flexibility



Sustainability

We are committed to sustainability and lowering our carbon footprint. We source products from sustainable manufacturers who have a commitment to sustainability. The acoustic panels that form SoundPro are made from entirely natural resources. Our products come with Declare and JUST labels along with HPD EPDs available on request.



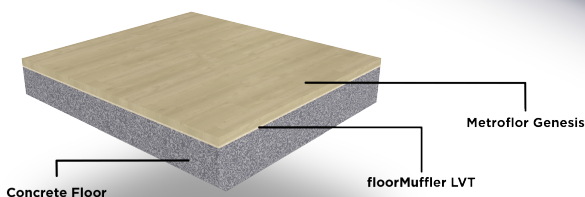
Free Acoustic Testing

We understand every building and concrete slab has different acoustic performance. We offer free onsite acoustic testing with a reputable acoustic engineering firm on projects over 500m².

Contact us to arrange.

SoundLite

floorMuffler LVT + Metroflor Genesis flooring



Metroflor Genesis - 8.5mm

Metroflor Genesis Flooring is a multi-layer luxury vinyl plank comprising multiple layers of vinyl, an engineered closed-cell extruded structural core, high-resolution printed decorative film, and a sound-mitigating underlay. Metroflor Genesis planks utilize a Droplock 100 locking system and are laid as a floating floor. The wear layer is similar to that of regular commercial grade glue-down vinyl.

floorMuffler LVT - 1mm

FloorMuffler LVT is a thin high-performance flooring underlay designed to be used with glue-down and ridged core vinyl planks. FloorMuffler LVT is a patented design made with cross-linked polypropylene foam and is 100% recyclable.

Woodland Lifestyle and our supply partners have conducted both laboratory and onsite tests on various slab thicknesses. We recommend using SoundLite on slabs with a minimum thickness of 170mm without a drop ceiling. Metroflor flooring is suitable for wet areas including bathrooms, kitchens and laundries.

Build Up	Test Type	Slab Thickness	IIC	Minimum Requirement	Pass/Fail
Metroflor Genesis	Lab Test	152mm No Drop Ceiling	54dB	55dB	Fail
Metroflor Genesis	Lab Test	152mm With Drop Ceiling	69dB	55dB	Pass
Metroflor Genesis + floorMuffler LVT	Onsite Test	175mm No Drop Ceiling	53dB	50dB	Pass

System Details

IIC	≥53dB
Build-up Thickness	9.5mm
Cost	
Finish	Finished floor system
Installation	Floating
Slab Thickness	≥170mm

Scope of Use

Not suitable for use inside showers or bathrooms with walk-in showers

Not suitable for high-traffic, heavy use areas

Final floor covering not included.

Documents

Lab Test report Genesis only
152mm slab (no drop ceiling)
Onsite Test report Genesis + floorMuffler LVT
175mm slab (no drop ceiling)
Genesis Product Technical Statement

Genesis Data Sheet
floorMuffler LVT Data sheet

All documents available on our website

SoundPro

Mineral fibre board & PhoneStar tri



Mineral Fibre Board - 12mm

Mineral fibre board is an impact sound isolation board made from high-density mineral wool. This product is designed to reduce impact sound, airborne sound and improve thermal insulation.

PhoneStar Tri - 15mm

PhoneStar Tri is a versatile high-performance acoustic insulation panel. It is made with a combination of sand and cardboard. PhoneStar is designed to reduce both impact and airborne sound while adding thermal mass to structures.

Documents

Lab Test report
160mm slab (no drop ceiling)
PhoneStar Tri Data Sheet
Mineral Fibre Board Data Sheet

All documents available on our website

SoundPro is a high-performance acoustic system that performs well beyond NZBC minimum requirements. We recommend the SoundPro acoustic system for projects where superior acoustic performance is required and flexibility is needed in the final floor covering.

Note, the test results below utilize 2 x 12.5mm PhoneStar, improved performance can be expected with SoundPro's 2 x 15mm PhoneStar build-up.

Build Up	Test Type	Slab Thickness	IIC	Minimum Requirement	Pass/Fail
Mineral fibre board (12mm)	Lab Test	160mm	63dB	55dB	Pass
PhoneStar Tri (12.5mm) x 2		No drop ceiling			

System Details

IIC	≥60dB
Build-up Thickness	42mm
Cost	
Finish	Unfinished floor system (Any standard floor covering can be used with appropriate preparation)
Installation	Floating (the two layers of PhoneStar tri must be glued together)
Slab Thickness	≥150mm

Scope of Use

Suitable for all residential and heavy commercial applications with a high load-bearing capacity.

Acoustic ratings can be further improved by including an acoustic floor covering.

Can also be used on CLT and open-beam timber systems, contact us for further information.

Must be installed throughout the entire building to avoid stepped transitions to carpet.

Glue-down or nail-down floor coverings cannot be directly fastened to the SoundPro system. An additional rigid layer is required, i.e. 6mm cement board (tile underlay)

Final floor covering not included.

Contact Us

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