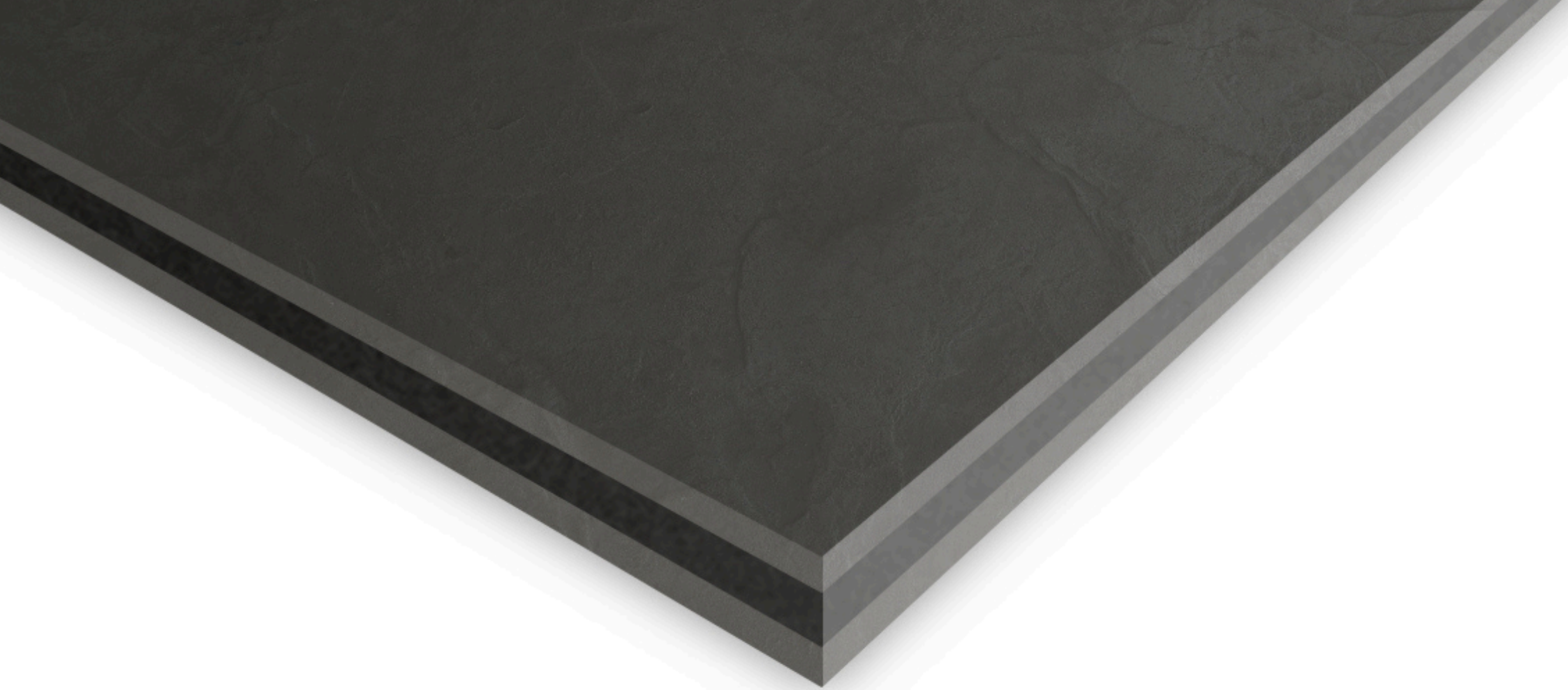

Noisestop Systems

Noisestop F7 Plus 15mm

Product Information & Performe Data

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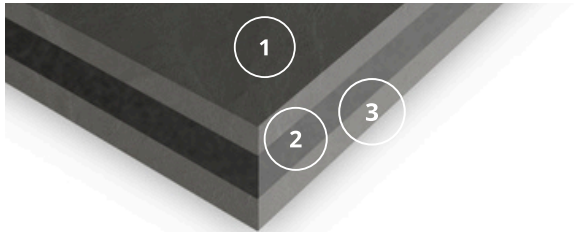
Noisestop F7 Plus 15mm

Noisestop F7 PLus reduces impact and airborne sound through timber and concrete flooring. This slim soundproof mat is simple to install over your existing flooring to help restore quiet in your home. Noisestop Acoustic underlay combines a high mass layer to block airborne sound with a sound absorption layer to reduce impact transfer between floors.

Specifications

- System thickness 15mm
- Size 1200mm x 1200mm (1.44sqm)
- Weight 23kg

1. Barrier mat 5mm/10kg for adding mass
2. Closed cell foam 5mm for sound absorption
3.Barrier mat 5mm/10kg for adding mass



Thermal Resistance R:

- Closed Cell Foam: 0.23 m² K/W
- Mass loaded vinyl 0.14 m² K/W

Thermal Conductivity λR:

- Closed Cell Foam: 0.039 W/mK
- Mass loaded vinyl 0.037 W/mK

Reaction to Fire

- Closed Cell Foam: FMVSS 302
- Mass loaded vinyl 10kg EN 13501-1 B-s2,d0 (2

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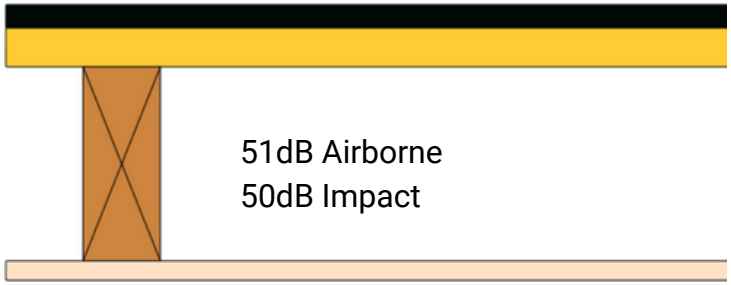
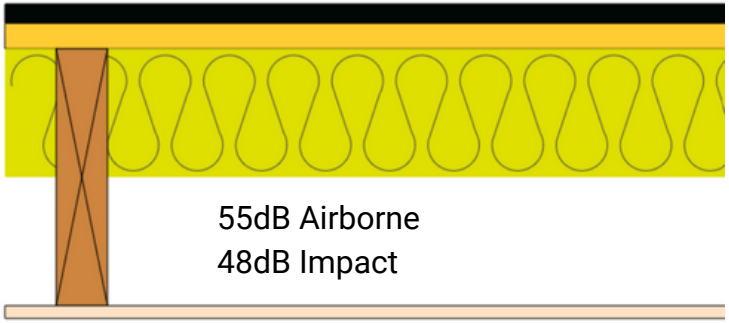
Timber floor with Noisestop F7 Plus



F7 Plus with 100mm acoustic insulation



F7 Plus 0ver 200mm concrete flooring

Note: Every 10 decibels(dB) reduction in noise level is roughly perceived as a halving of the perceived loudness. So, for instance, if you have a sound that measures 70dB and it decreases to 60dB, it would sound about half as loud to the human ear.

Timber joist Floor Performance

Performance data for the Noisestop F7 Plus used over a timber floor. The higher the figure for airborne the better the performance, the lower the figure for impact the better the performance.

Noisestop F7 Plus	Airborne dB* DnT,w	Impact dB* Ln,w
Standard timber floor untreated*	41	79
Timber floor with Noisestop F7 Plus	51	50
Timber floor with Noisestop F7 Plus and 100mm acoustic insulation	55	48

* 18mm Chipboard floor on 200mm joists with a 10mm plasterboard ceiling

Improvement

Airborne DnT,w
With Noisestop F7 Plus **10dB**
Noisestop Noisestop F7 Plus and 100mm acoustic insulation **14dB**

Impact Ln,w
With Noisestop F7 Plus **29dB**
Noisestop Noisestop F7 Plus 100mm acoustic insulation **31dB**

Concrete Floor Performance

Performance data for the Noisestop F7 Plus used over a concrete floor. Due to the high mass of concrete flooring, acoustic underlays are only used to reduce impact noise.

Noisestop F7 Plus	Impact DB* Ln,w
Standard concrete floor untreated*	79
Concrete floor with Noisestop F7 Plus	50

* 200mm Concrete slab

Improvement Impact Ln,w
With Noisestop F7 Plus 29dB

NOISESTOP SYSTEMS