

**Noisestop Systems**

## **Noisestop Acoustic Underlay 12mm**

**Product Information**

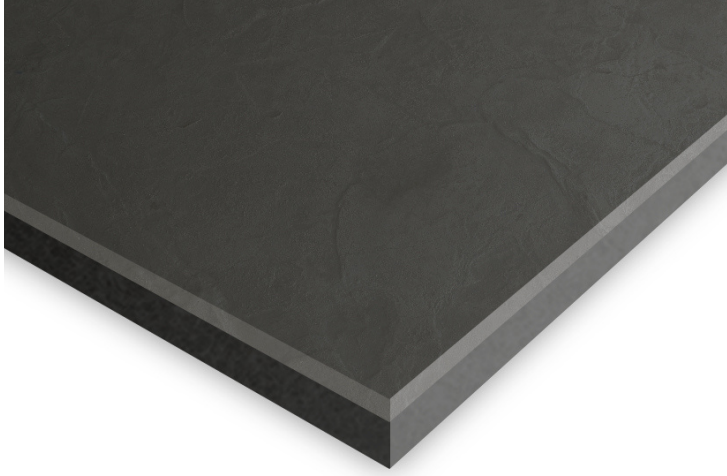
**Fitting Guide**

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**NOISE**  **STOP**  
SYSTEMS

# Noisestop Acoustic Underlay

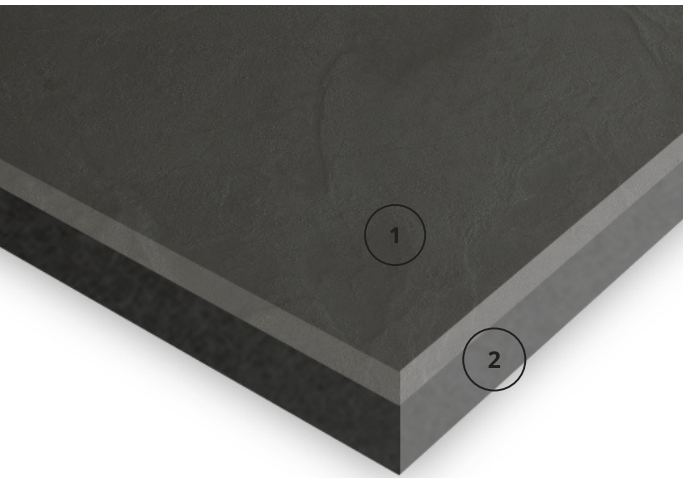
Noisestop Acoustic Underlay reduces impact and airborne sound through timber and concrete flooring. This slim soundproof mat is simple to install over your existing flooring to help restore quiet in your home. Noisestop Acoustic underlay combines a high mass layer to block airborne sound with a sound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



- ✓ Simple installation DIY
- ✓ Noisy neighbour solution
- ✓ Part E compliant
- ✓ Only 12mm thick
- ✓ Use over timber or concrete floors

## 12mm Noisestop Acoustic Underlay

- High-performing soundproof underlay
- Reduce unwanted noise in your home
- Complies with Building Regulations Part E



- 1 3mm/7.5kg barrier mat for adding mass
- 2 9mm Closed cell foam for sound absorption

Size: 1200mm x 1200mm  
Thickness: 12mm  
Weight: 16kg

## Noisestop Acoustic Underlay Timber Floor Performance

Performance data for the Noisestop Acoustic Underlay 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 Acoustic Underlay	Airborne dB* DnT,w	Impact dB* Ln,w
Standard timber floor untreated*	39	80
Timber floor with Noisestop Acoustic Underlay	46	56
Timber floor with Noisestop Acoustic underlay and 100mm acoustic insulation	51	54

\* 18mm Chipboard floor on 200mm joists with a 12.5mm plasterboard ceiling

### Improvement

**Airborne DnT,w**

With Noisestop Acoustic Underlay **7dB**

Noisestop Acoustic Underlay and 100mm acoustic insulation **12dB**

**Impact Ln,w**

With Noisestop Acoustic Underlay **24dB**

Noisestop Acoustic Underlay 100mm acoustic insulation **26dB**

## Noisestop Acoustic Underlay Concrete Floor Performance

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

Noisestop Acoustic Underlay	Impact DB* Ln,w
Standard concrete floor untreated*	76
Concrete floor with Noisestop Acoustic Underlay	47

\* 200mm Concrete slab

### Improvement

**Impact Ln,w**

With Noisestop Acoustic Underlay **29dB**