



PRO)))SOUND™

SoundScreen WF28

Floor Installation Guide
& Product Overview

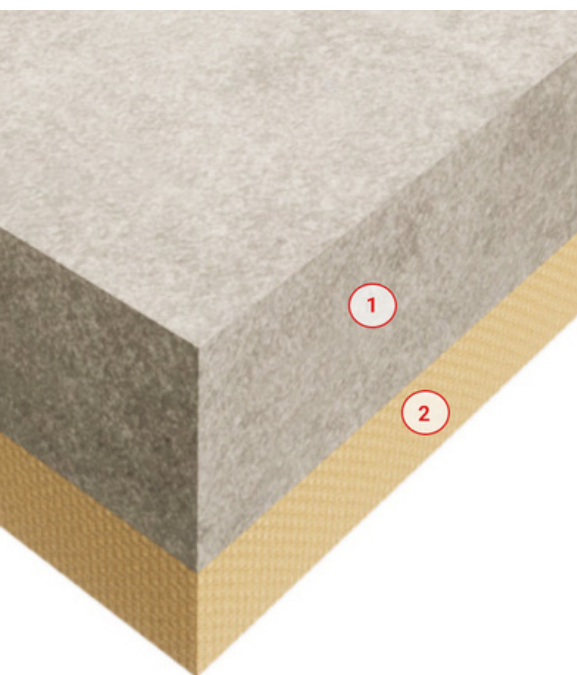
Overview

SoundScreed WF28 is a high mass floor soundproofing solution used to reduce high levels of airborne noise, helping to create peace and quiet within your home. Designed to be overlaid on existing floorboards it provides a strong, level and stable base for hard floor finishes. This removes the need for a stabilising layer, helping to reduce installation time and costs. Whether you require peace and quiet from noisy neighbours living above or below, or privacy between floors within your own home, then SoundScreed WF28 is an excellent solution.



Why Use SoundScreed WF28

- **High performance** - Improve the airborne soundproofing capabilities of your floor to achieve peace, quiet and privacy within your own home
- **Straightforward DIY installation** - saving you time and money, without the need of extra labour costs
- **Saves you space** - excellent height to weight ratio for superior performance
- **Fast delivery lead times** - 3 - 5 working days

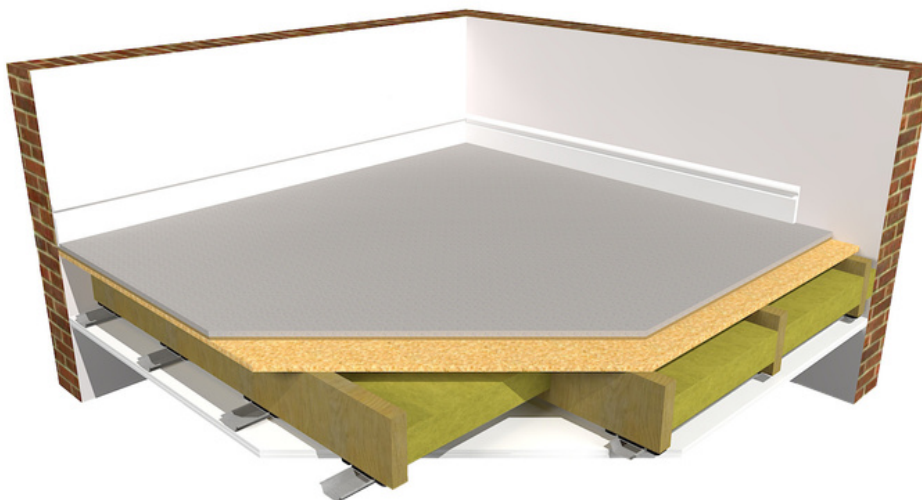


Features

2 layers of soundproofing material:

- 1. 18mm Dry Screed Panel** - Adds more mass to the floor and helps to block airborne noise
- 2. 10mm Wood-fibre Resilient Layer**- adds resilience to the floor to help reduce low levels of impact vibration

ProSound SoundScreed WF28 Performance



SoundScreed WF28 (Performance on timber joisted floor)	Airborne Performance (Higher dB figure the better)	Impact Performance (Lower dB figure the better)
SoundScreed WF28 fitted to existing floor (With 100mm mineral wool)	53dB (DnT,w)	77dB (L'nT,w)
Untreated timber joisted floor performance * (Before SoundScreed WF28)	38dB (DnT,w)	82dB (L'nT,w)

*18mm T&G Chipboard Sub Floor, 200mm floor joists and 12.5mm plasterboard on below ceiling

For more performance data and building regulation compliance please [**CLICK HERE**](#)

Performance Explained

Airborne sound improvement after SoundScreed WF28 was fitted	15dB
Impact sound improvement after SoundScreed WF28 was fitted	5dB

For context 10dB improvement is generally perceived by the human ear to being a halving of noise.

For further information on decibels [**CLICK HERE**](#)

Specification

- **Size:** 1200mm x 600mm x 28mm (0.72m²)
- **Weight:** 16kg per board (22.3kg per m²)
- **Water:** Water resistant when primed

Thermal Conductivity: 0.122 W/mK

Thermal Resistance: 0.23m² K/W

Fire: EN 13501-1 : Bfl - s1

System Components

- Joint Adhesive (1 litre)
- Acoustic Sealant 900ml
- Jumbo 900ml applicator gun
- Perimeter Flanking Strip
- Acoustic Mineral wool

Please Note: The boards are heavy and we recommend two people for installation

Cutting

The SoundScreed WF28 should be cut using a circular saw or jigsaw fitted with a fine toothed blade. This is to ensure a straight cut and smooth finish. A straight edge cutting guide is recommended too.

Suitable PPE should be worn and cutting should be done in a well ventilated area.

Underfloor Heating

The SoundScreed WF28 is not thermally transparent and underfloor heating must be installed above the board.

Installation Instructions

The below installation instructions are for when fitting the SoundScreed WF28 to a timber joisted floor or concrete floor. The SoundScreed WF28 must be installed over a structural floor and can not be used as floorboard replacement.

Timber joisted floors: We recommend the use of 60kg Acoustic Mineral Wool underneath the floorboards prior to installing the SoundScreed WF28

1. Ensure the base floor is **smooth, flat and level**. Make sure the floor is free of any dust or debris and seal any gaps between floorboards or holes/cracks in concrete prior to laying the SoundScreed 28.



2. Add perimeter flanking strip to wall in preparation for SoundScreed being fitted.

3. Cut away over lap edges from first board (top edge) so that a square edge is presented to the walls in the corner.

Lay the first SoundScreed WF28 board in the corner working left to right.

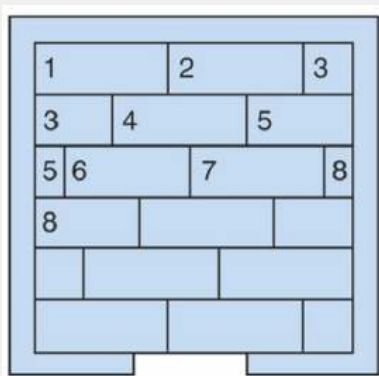
Note: All boards that go against a wall will need to have the edges cut to be square.





4. Apply a bead of adhesive to right hand side of the first SoundScreed board.

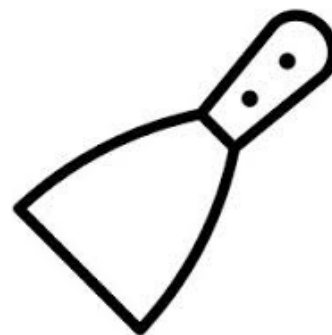
5. Lay overlap edge of the next board on to the bead of sealant. Continue to complete first row.



6. Use cut off from first row to start the next row. Lay the SoundScreed WF28 in a brick bond pattern butting up to the edging detail. (Minimum overlaps of 200mm)

Once laid leave for 24 hours for adhesive to set.

7. Remove excess adhesive with a floor scraper. Once floor is laid and clean your floor finish can be applied.



Final Floor Finishes

Laminate flooring, Engineered wood, Ceramic Tiles, Carpets and most other floorings can be fitted directly on top as per the standard fitting instructions.

If adhering any floor finish to the top of the SoundScreed then it should be primed with a suitable floor primer first.

For thinner LVT and Vinyl Flooring we advise that a thin 2mm - 5mm Latex screed is applied over the board to ensure a smooth surface - again the top of the SoundScreed should be primed first.

When tiling a flexible tile adhesive and grout should be used.

Important Notes

- For installations and applications not listed, please contact The Soundproofing Store for guidance
- Tolerance of 2-3mm
- As our products will add weight to your structure, you may wish to check with a structural engineer to ensure compatibility
- For timber joisted floors we would recommend installing acoustic mineral wool between the floor joists
- If you are employing fitters, it's recommended they are booked after materials have been delivered

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SoundScreed WF28

Exclusively available through The Soundproofing Store