

dB FFR 10mm

Acoustic Rubber Underlay · 1m × 5m roll

dB FFR 10mm is a recycled rubber resilient underlay designed to reduce impact and airborne noise beneath screeds and finished floors. Follow this guide for handling, preparation and installation, and contact our technical team if your build-up differs from those shown.

THICKNESS

10mm

ROLL SIZE

1m × 5m

COVERAGE

5m² per roll

IMPACT RATING

39dB L'nT,w

AIRBORNE RATING

53dB DnT,w + Ctr

HANDLING AND STORAGE

- Ensure materials are delivered in their original, unopened packaging. Stack rolls vertically and avoid storing for longer than 6 months.
- Inspect materials for visual defects and verify product, colour and quantity before installation. Report any discrepancies immediately.
- Store roll material lying down on a clean, dry surface to prevent curling edges. Cut any curled edges straight before installation.
- Acclimatise material and adhesive at room temperature for at least 48 hours before installation. Unroll the material on site and allow the rolls to relax overnight.

Notes

Differences in material and viewing angles may result in shading variations.

Thickness tolerance

Rubber rolls are manufactured with a thickness tolerance of $\pm 0.3\text{mm}$. When two rolls at the maximum and minimum permissible thickness are placed side by side, a cumulative variation of up to 0.6mm may occur across the floor.

IMPORTANT — CHECK BEFORE BONDING

Before gluing the rolls down, check for thickness variations. If a noticeable difference is observed between adjacent rolls, relocate and reposition them to minimise any visible dip or unevenness. Only proceed with adhesive application once you have a uniform surface level.

KNOW YOUR TOOLS

Before beginning installation, gather the necessary tools: safety gloves, measuring tape, utility knife, notched trowel, roller and chalk line marker.



SAFETY GLOVES



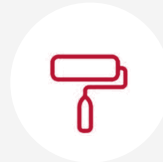
MEASURING TAPE



UTILITY KNIFE



NOTCHED TROWEL



ROLLER



CHALK LINE

Safety: wear safety gloves and suitable PPE throughout the installation process, and follow site-specific health and safety requirements.

PREPARATION

1 Create an optimal surface

Clean the floor substrate to remove any dust, debris or loose particles. Smooth out any bumps or irregularities that may hamper the installation process.



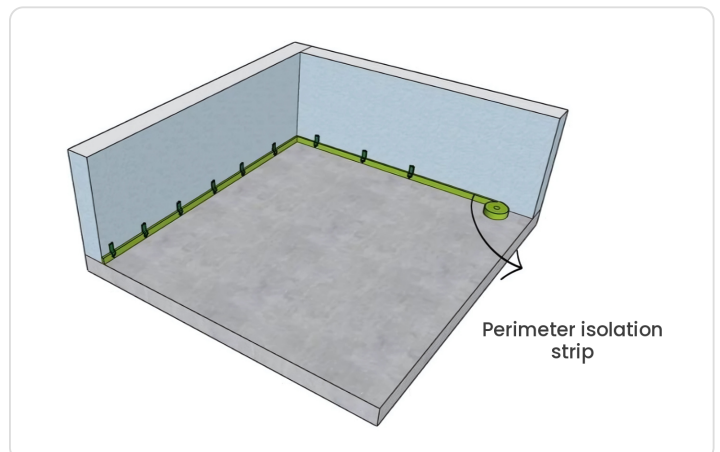
2 Acclimatisation

Fully unroll each roll of dB FFR 10mm and leave it in the installation area for at least 6 hours, preferably overnight. Failure to acclimatise may result in shrinkage after installation.



3 Perimeter isolation strip

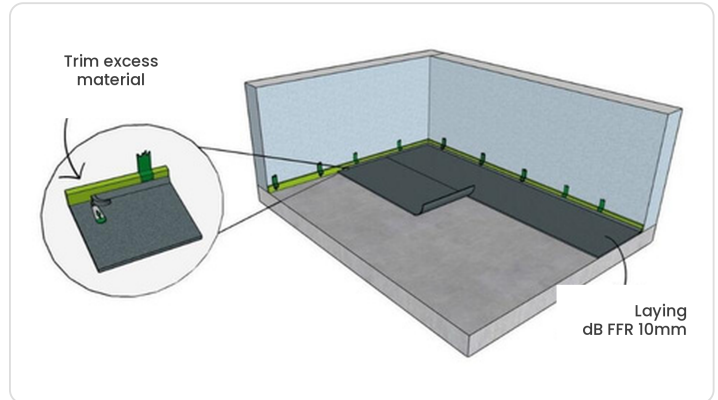
Start in a corner of the room. Attach the perimeter isolation strip along the base of the wall and secure it with tape. This keeps the floating floor or screed separated from the walls to prevent flanking sound transfer.



LAYING THE UNDERLAY

4 Laying dB FFR 10mm

Start laying dB FFR 10mm in one section of the room, ensuring it butts up to the perimeter isolation strip. Unroll the underlay and trim any excess material to suit the room dimensions.

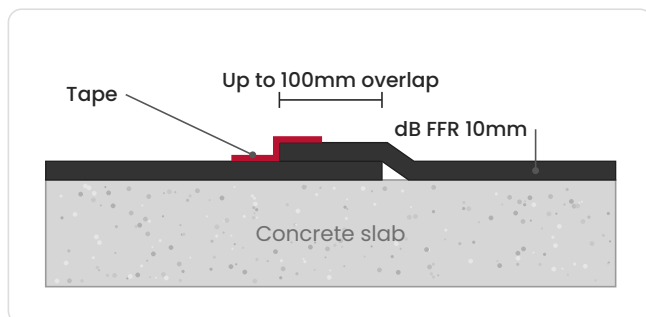


SCREED JOINS

The joint method depends on the screed type specified for the floor build-up.

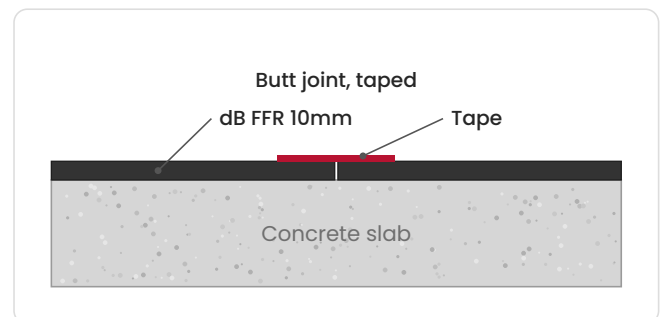
I. Sand and cement screed

Ensure adjacent sections of dB FFR 10mm overlap each other by up to 100mm. Secure the sections together with adhesive tape, then proceed with the post-installation steps.



II. Liquid or proprietary screed

After unrolling subsequent sections of dB FFR 10mm, butt the edges tightly together and tape over the joints, then proceed with the post-installation steps.



TIP

Mark straight reference lines with a chalk line before laying so that every run of underlay stays square to the room and joints remain tight and aligned.

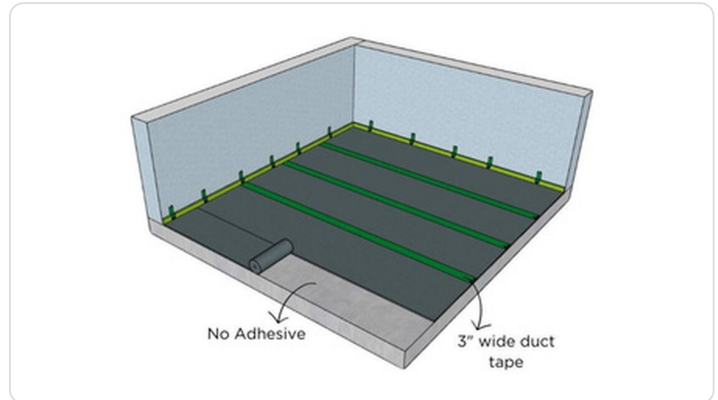
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INSTALLATION

A. Floating or loose laid

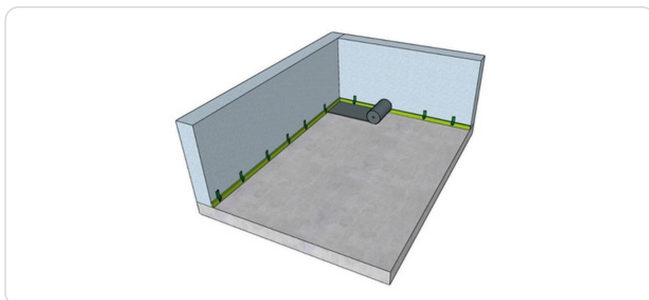
Lay dB FFR 10mm onto the prepared subfloor with no adhesive. Use 3" (75mm) wide duct tape to firmly secure all joints, then proceed with the post-installation steps.



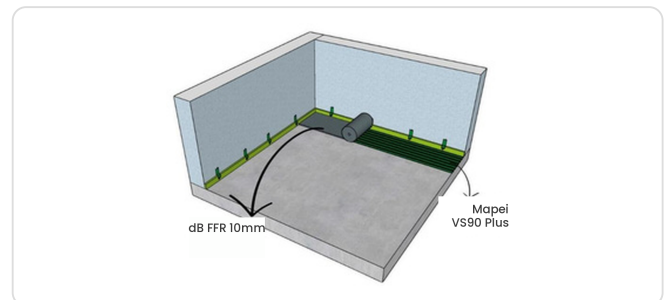
B. Glue down

RECOMMENDED ADHESIVE

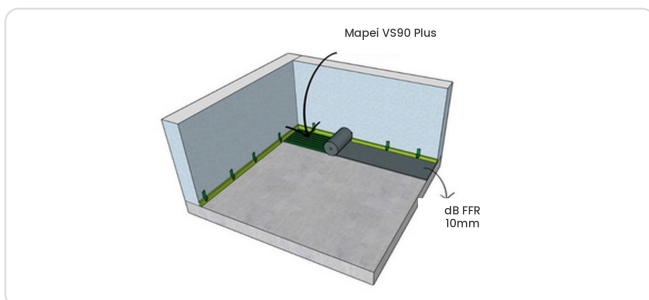
Mapei Ultrabond Eco VS90 Plus 15kg
3mm notched trowel · approx. 45m² per 15kg tub

[View product ›](#)


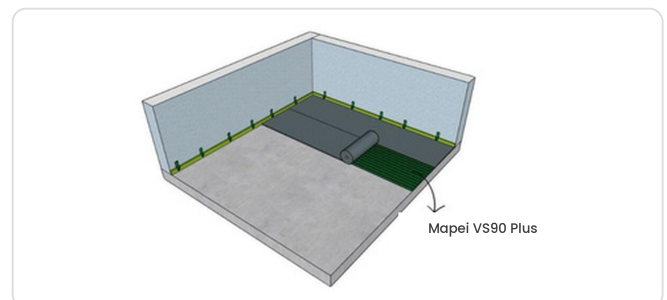
- 1 Roll out the first sheet of dB FFR 10mm and fold it back halfway lengthwise.



- 2 Apply Mapei Ultrabond Eco VS90 Plus evenly, perpendicular to the seam, using a 3mm notched trowel. Follow the Mapei technical data sheet.



- 3 Carefully lay the underlay into the adhesive, avoiding bubbles or creases, then apply adhesive under the second half.



- 4 Roll over the second half of the first sheet and the first half of the second sheet. Continue this process for each consecutive sheet.

GLUE DOWN — FINISHING

5 Roll

50lb+

Immediately after laying each sheet, roll it with a medium-weight floor roller of at least 50lb to ensure full adhesive contact.

6 Leave undisturbed

12–24 hrs

Leave the installed underlay undisturbed for at least 12–24 hours after rolling is complete.

7 No foot traffic

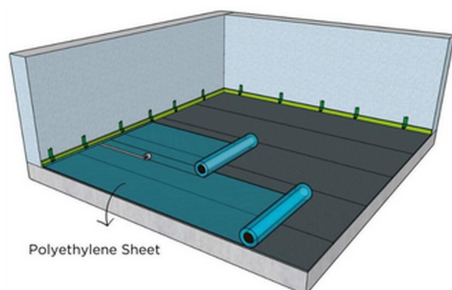
24 hrs min.

Protect the underlay from foot traffic for a minimum of 24 hours to allow the adhesive to fully cure.

POST-INSTALLATION

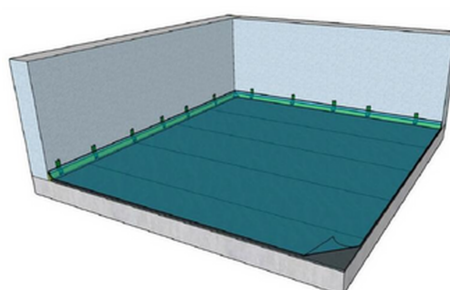
1 Polyethylene sheet

For screeded floors, lay a polyethylene sheet over the dB FFR 10mm to prevent water from the screed seeping into the underlay. Skip this step if installing a finished floor directly.



2 Finished floor or screed

Pour the screed or lay the finished floor directly on top of the dB FFR 10mm underlay, in line with the project specification and the manufacturer's requirements.



TECHNICAL SUPPORT

Need help with your build-up?

Our team gives free technical advice on Part E compliant floor systems.

01928 571 856

hello@soundinsulationstore.co.uk

Open 8am – 5pm

soundinsulationstore.co.uk



Scan for product page

This guide provides general installation guidance for dB FFR 10mm. Always check site conditions, the project specification, moisture requirements and the current technical data from the flooring, screed and adhesive manufacturers before installation.