

Important update – please read before installing EGGER Advanced flooring

Installer Fitting Notes

1. This guide shows the minimum number of mechanical fixings that must be installed.
2. You must never use fewer fixings than this guide shows.
3. If the Warranty Provider (NHBC, LABC etc), joist manufacturer, or structural engineer advises you to use more fixings or a reduced spacing, you should consider their guidance.
4. Increasing the number of fixings is acceptable and does not affect the EGGER Advanced Lifetime Guarantee.
5. Ensure EGGER Joint & Joist Adhesive is used – other manufacturers' adhesives are not tested or certified.

Fixing requirements and warranty providers

This fitting guide describes the minimum installation requirements for EGGER Advanced Flooring systems, as assessed in third-party testing and certification. The EGGER guidance on mechanical fixings is a minimum requirement for our system and must not be reduced.

In practice, structural engineers, joist manufacturers and warranty providers such as NHBC and LABC may specify more demanding fixing arrangements (for example, reduced fixing centres or additional fixings) written into their standards.

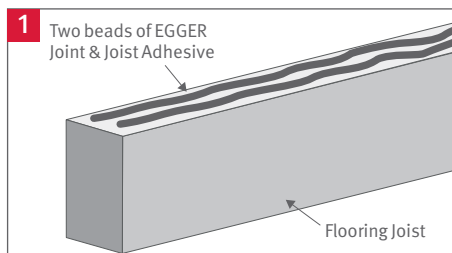
Where floor designs or project requirements differ from the examples in this guide, the fixing guidance of the structural engineer, joist manufacturer and/or warranty provider (e.g. NHBC, LABC) should be followed, provided that the EGGER minimum requirement is met/exceeded.

Using a higher quantity of mechanical fixings than indicated in this guide, including additional fixings required by warranty providers, is fully compatible with the EGGER flooring system and is covered by the EGGER Advanced Lifetime Guarantee.

The **EGGER**
ADVANCED Fitting Guide

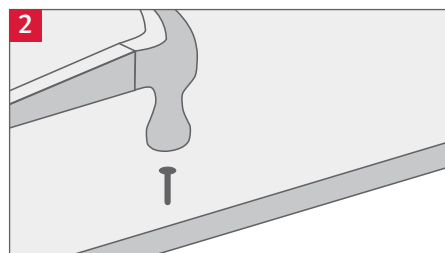
This guide sets out EGGER's recommended method for installing EGGER Advanced Structural Flooring. Correct installation in line with this guide will help achieve a robust, long-lasting floor and is covered by the EGGER Advanced Lifetime Guarantee*.

Warranty providers and localised standards may require additional fixings beyond this guide. Following these additional fixing requirements will not affect eligibility for the EGGER Advanced Lifetime Guarantee.



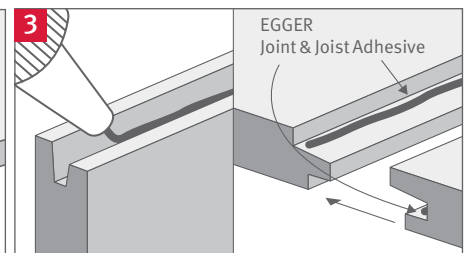
Apply two (approx, 5 mm) parallel beads of EGGER Joint & Joist Adhesive, approximately 10 mm from the edge of the joist flange.

Additional tips and information regarding EGGER Joint & Joist Adhesive can be found here: [to.egger.link/gluing-recommendations](https://www.egger.link/gluing-recommendations)



Lay the boards across the joist and fix the first row of boards with one mechanical fixing per joist along the perimeter edge, minimum 8 mm from the joint edge.

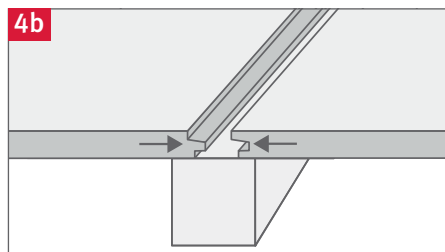
Further mechanical fixing information on next page.



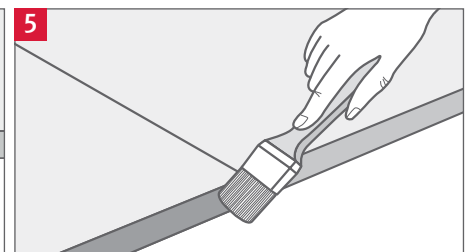
Apply EGGER Joint & Joist Adhesive directly to the tongue and the groove of the profile joint along the length of each board and ensure that the entire joint is bonded once the boards are butted tightly together. Adhesive should foam out of the board joint. This will enhance the protection of the joint. Excess adhesive should be left to dry.



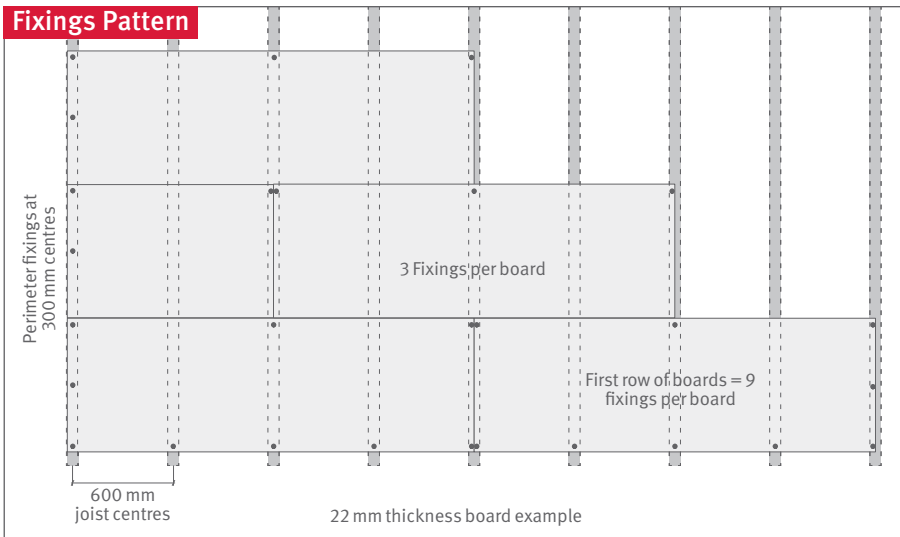
Apply EGGER Joint & Joist Adhesive along the next row of joists and stagger the next row of panels by approximately half a board to form a brick bond laying pattern.



All short end joints should always fall on the centre of a secured joist, or noggin, including perimeter edges. Where this is not the case, please refer to the relevant building guidelines.



Seal any exposed mechanical fixings, perimeter edges, cut edges and stairwells, as well as any joints where the adhesive has not appeared to have foamed over, using EGGER Joint & Joist Adhesive. Once the building is watertight, excess adhesive can be easily removed with a scraper.



EGGER boards should be installed at 90 degrees to the joist. All short end joints should be supported on a secured joist including perimeter edges. Joists and noggins should provide a minimum bearing for panel edges of 18 mm. Joists should be laid line and level. Access panels and ducting should be pre-planned and the necessary noggins and edge supports provided on all edges. Position the board so that all short edges are fully supported on a joist, or by noggins where the boards edge do not line with a joist location. Apply EGGER Joint & Joist Adhesive and mechanical fixings as per the diagrams. Stagger each new row of boards to form brick bond laying pattern. Repeat the steps.

Fitting Notes

Joist Centres

On joists up to 450 mm centres, 18 mm or 22 mm EGGER chipboard may be used. On joist centres between 450 mm and 600 mm, 22mm EGGER chipboard must be used.

Expansion Provision

An expansion gap of 10mm or 2mm per metre run of floor, whichever is greater, should be left against all walls. Intermediate gaps (min. 10 mm) should be incorporated for floors in excess of 10 m long e.g. corridors.

Mechanical Fixings

Use ring shank or grooved nails, or countersunk wood screws. Minimum length: 50 mm or 2.5 times the board thickness, whichever is greater. Fastener diameter approx. 3 mm and not less than 0.16 times

board thickness. Nails to be punched and screws countersunk 2mm below the board surface. Minimum edge distance: 8 mm.

Service Voids

At the perimeter of a floor deck, where the joist runs parallel to the wall, the board may overhang the joist flange by up to 75mm to facilitate floor installation and allow for service installation.

Butt Joints

Where possible it is best practice that cut boards should span over at least 3 joists to provide lateral support, a 1mm expansion gap should be left between cut boards. Connecting butt joints should be squared. Boards should be fixed to the joist as per instructions above.

A bead of EGGER Joint & Joist Adhesive should be laid on the joint to protect from water ingress.

Minimum Fixing Requirements

The EGGER guidance on mechanical fixings is a minimum requirement for our system. Where floor designs / requirements differ, we recommend seeking joist manufacturers' guidance on fixings, so long as our minimum requirement is met.

Adhesive Coverage

Bonding the board to the joist and within the tongue & groove joint will typically require 1 bottle of EGGER Joint & Joist Adhesive per 6 boards (2400mm x 600mm).

EGGER Advanced Lifetime Guarantee

Use our Advanced Structural Flooring Boards, Joint & Joist Adhesive and one of our recommended fitting methods to be covered by our unique Lifetime Guarantee*.



* Only applicable to the structural integrity of the EGGER Flooring Board. For terms and conditions and further information on the EGGER Advanced Lifetime Guarantee, please visit to.egger.link/lifetime

Long term protection

Once laid and sealed with EGGER Joint & Joist Adhesive, EGGER Peel Clean Xtra and EGGER Protect are third-party certified for a guaranteed weather resistance of:

EGGER Peel Clean Xtra: up to 60 days

EGGER Protect: up to 100 days



Customer Support

For product details, technical support, and availability, contact our Building Products Team or visit our website for data sheets and certificates.

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