

Design flooring, multilayer, modular, for floating installation

## EXPONA LIVING Herringbone CLIC

### 1. GENERAL INFORMATION

EXPONA LIVING Herringbone CLIC is a PVC construction over a rigid core with a built in underlay to offer a strong, durable construction which is 100 % waterproof\* and offers impressive acoustic performance. The plank size is 101.6 mm x 609.6 mm. The planks are locked together without the need for any adhesive by a unique locking system to create a floating floor where the planks can be installed and locked together in a single action. EXPONA LIVING Herringbone CLIC incorporates an acoustic base and therefore requires no additional underlay. To ensure the best finished appearance it is essential to both engage the services of a professional resilient flooring installer for installation expertise. **Any warranty offered is conditional on both a professional installation being undertaken; and the close following of these installation instructions.**

### 2. PRIOR TO INSTALLATION

When installing EXPONA LIVING Herringbone CLIC planks always follow current national standards for the installation of floor coverings. Current installation best practice incorporating the latest technical developments should also be employed. The preparation of the subfloor, the installation of the floor covering and the measures taken to safeguard value are key factors in ensuring optimum suitability and performance of resilient floor coverings. On receipt of materials, check that the colours correspond to those ordered and that there is no damage or visual defects in the material. Check that the material is from one batch; (if that was ordered). Claims for visual defects can only be accepted prior to installation and cutting.

### 3. PREPARATION OF SUBFLOORS

EXPONA LIVING Herringbone CLIC can be installed over most hard subfloors, provided they are prepared in accordance with local standards. Subfloors must be hard, clean, and free from contamination, dry, durable, flat and sound. Solid subfloors must be tested in accordance to local standards to ensure they are not damp. Joint widths of up to 30 mm are permissible. Carpets and soft floorings are unsuitable as a base for the installation of EXPONA LIVING Herringbone CLIC and will need to be removed prior to installation. Remove all debris and vacuum the whole subfloor area prior to commencing the installation. Where underfloor heating is used the maximum temperature on the surface of the flooring must never exceed 27°C. Subfloors should be tested for moisture in accordance with local standards. Solid subfloors should demonstrate a maximum damp content of 75% RH before the installation can begin.

Residual moisture content:

Cement	without UFH 2% CM
	with UFH 1.8% CM
Anhydrite	without UFH 0.5% CM
	with UFH 0.3% CM

Remove any unevenness in the subfloor prior to installation. Subfloor levels should be in accordance with local national standards and in any event, should never exceed a maximum deviation of 5 mm when measured under a 3 m long straight edge. High spots and ridges should be removed to prevent damaging the plank's locking mechanism.

### 4. CONDITIONING

EXPONA LIVING Herringbone CLIC must be protected against dirt and moisture during storage and both before and during the installation. The climatic conditions acceptable for the installation of EXPONA LIVING Herringbone CLIC are:

Floor temperature	> 15 °C
Room temperature	> 18 °C

Prior to installation, open the boxes and place them in the room they are to be installed in for a minimum of 48 hours **BEFORE** the installation commences, so the material can acclimatise. Boxes should never be stacked greater than 3 high during this time.

**Ensure that the room temperatures are between 18 and 27 °C during the acclimatisation period. Shuffle the planks to ensure a random appearance before installation.**

### 5. INSTALLATION

As EXPONA LIVING Herringbone CLIC is a floating floor, a minimum expansion gap of 5 mm should be left around the entire installation perimeter and anything protruding from the subfloor such as radiator pipes, pillars, columns – any fixed down items. For larger installations over 5 m x 5 m an expansion gap of 1 mm per linear meter of room length should be used. For example, a room 8 m x 4 m would require an expansion gap of 8 mm around the entire perimeter of the room and around anything protruding from the floor. In areas of 5 m x 5 m and under; use small offcuts as spacers between the planks and the walls to help achieve the correct expansion gap size. Skirting boards should be removed and door frames / architraves undercut to allow for possible expansion. A suitable quadrant or scotia trim can be used to cover the expansion gap. In larger areas use specifically sized spacing strips.

EXPONA LIVING Herringbone CLIC should never be installed across multiple rooms as one floor. When adjoining other floor coverings, finish the EXPONA LIVING Herringbone CLIC in the doorway. An appropriate expansion gap should be left between the EXPONA LIVING Herringbone CLIC and the adjoining floor covering. This can be covered using a suitable threshold or diminishing strip (see diagram below). Planks must always be laid in a simple herringbone pattern. Areas over 10 m x 10 m will require specialist advice. Please contact our Customer Technical Support.

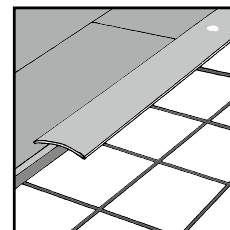


Fig. spacing strip

\* EXPONA LIVING Herringbone CLIC are 100% waterproof. Therefore, they will not absorb water and the structural integrity of the product will not be affected by water e.g. no swelling. In the case of standing water or flooding, EXPONA LIVING Herringbone CLIC will not act as a barrier between standing water/flooding and the subfloor, and as such is not recommended for continually wet areas such as walk-in shower rooms.

Design flooring, multilayer, modular, for floating installation

## EXPONA LIVING Herringbone CLIC

**You will need:**

- Pencil
- Utility knife
- Retractable measuring tape or folding ruler
- Handsaw / Powered Multi Tool
- Plunge Saw
- Carpenter's adjustable square
- Suitable Straight Edge
- Pull bar
- 0.9 mm wire
- Spacers

The use of safety glasses and protective gloves should also be considered.

**a. Separate planks into A and B planks**

The box contents are equally split between A and B planks. To form a Herringbone installation it's important that the planks are correctly identified and kept separated during the installation.

A-planks can be identified by the lower female profile being on the Left hand side; and the B-planks with the lower female profile on the Right hand side (Fig. 1).

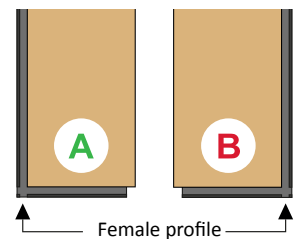


Fig. 1

**b. Build starting triangles**

Take A-planks and B-planks and position them as shown in figure 2.

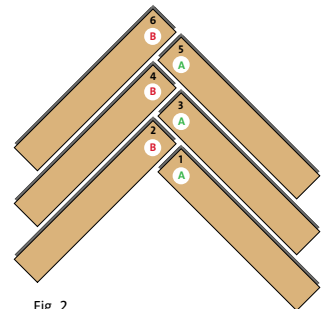


Fig. 2

Install the planks precisely and in the order indicated by the numbers on the planks in figure 2. Carefully check that each individual plank is correctly aligned and engaged. Mark a line from points (i) to (ii) as illustrated in figure 3, ensuring that a 45 degree angle is achieved.

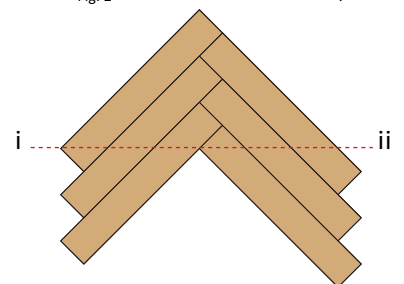


Fig. 3

Using a plunge/circular saw set at the correct depth – cut the assembled triangle at the marked line from point (i) to (ii). Alternatively, the marked triangle can be disengaged and cut with a utility knife, prior to reassembling the triangle.

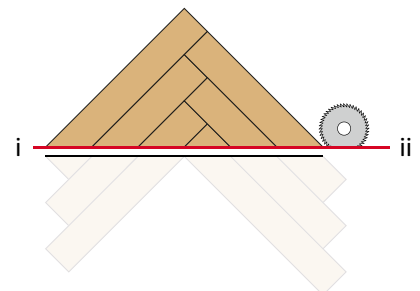


Fig. 4

Design flooring, multilayer, modular, for floating installation

## EXPONA LIVING Herringbone CLIC

### c. Calculating the number of triangles

Measure the distance between the two straight lines, originating from the corners of the planks. (Fig. 5).

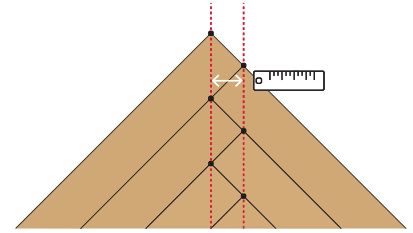


Fig. 5

Divide this number by two and get the **X measurement**.

The **Y measurement** is the width of the triangle at its widest point as show in figure 6.

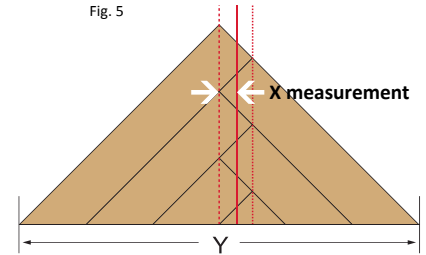


Fig. 6

Define the wall from where you intend to start the installation. Mark out the centre of the room. (Fig. 7)

**Tip:** the longest wall is usually the best wall to start from.

For advice on irregular shaped rooms please contact our Customer Technical Support.

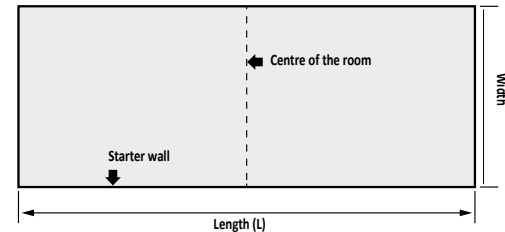


Fig. 7

Drawing the installation line. Start from the centre of the room (Fig. 8). Parallel offset the line using the **X measurement** as distance.

Calculate the number of starting triangles needed with the formula in figure 9.

**Tip:** Round up to the next full number.

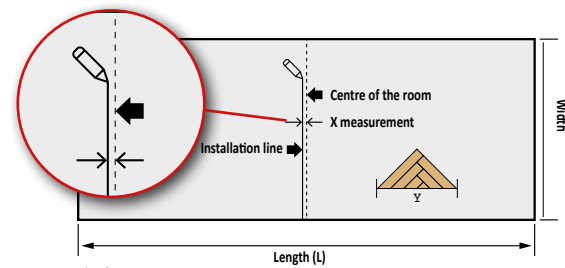


Fig. 8

$$\frac{L+X}{Y} = \text{Quantity}$$

Fig. 9

### d. Start installation

Lay out the triangles with their long side towards the starting wall. Align the tip of centre triangle with the installation line. Position spacers between the wall and the triangle bases (Fig. 10).

**Tip:** Use small offcuts as spacers for the expansion gap.

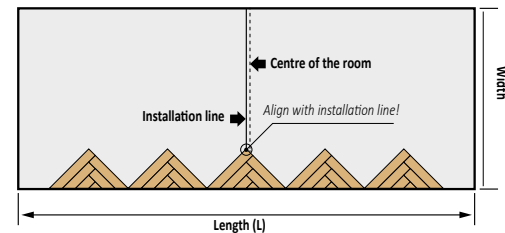


Fig. 10

### e. Finalising the start row

Now cut the distances C-D and E-F from the remaining triangle(s), and position them as shown in figure 11.

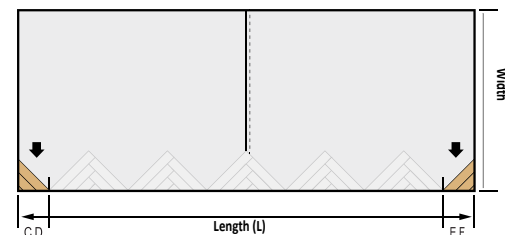


Fig. 11

Design flooring, multilayer, modular, for floating installation

## EXPONA LIVING Herringbone CLIC

### f. Further installation of rows

Install A-planks to connect the triangles (Fig. 12). The joints need to be checked carefully to ensure the planks are correctly aligned and fully engaged. Cut in the last piece on the left hand side (as indicated) to fit to the perimeter wall, not forgetting the expansion gap.

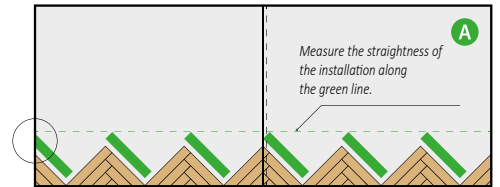


Fig. 12

Next install the B-planks (Fig. 13). Cut in the last piece on the right hand side (as indicated) to fit to the perimeter wall, not forgetting the expansion gap. Measure the alignment of the tips of the triangles along the horizontal dotted green line above using a suitable length straight edge. Repeat this check throughout the remainder of the installation. Any deviations should be brought back in line.

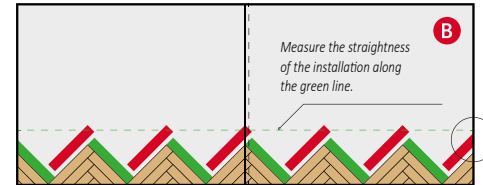


Fig. 13

### g. Last row installation

Continue this alternating installation of A and B planks throughout the remainder of the installation (Fig. 14). It is important to check frequently that:

- All expansion spacers remain in position.
- All planks are aligned and the joints are fully engaged.
- The installation line is being closely followed.

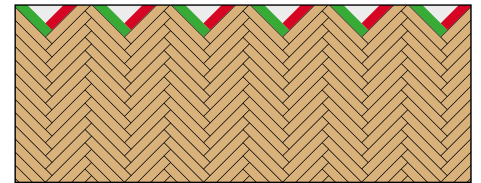


Fig. 14

Carefully remove spacers to complete the installation.

**Tip:** to reduce waste the offcuts from starting triangles may be used to complete the final row.

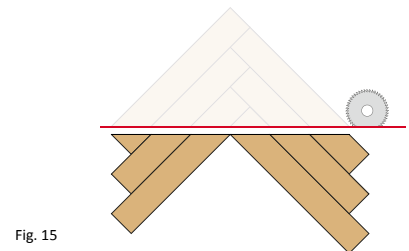


Fig. 15

### h. Final row where angling is not possible

Where the planks can no longer be installed together using the Angled Fold Down Installation method. Remove the upstand on the locking element of the protruding lower female profile (Fig. 16). Then, use a suitable contact adhesive in accordance with the manufacturer's instruction (Fig. 17) to connect the planks. Remember to place spacers between these planks and the wall to maintain the expansion gap.

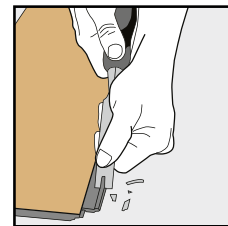


Fig. 16

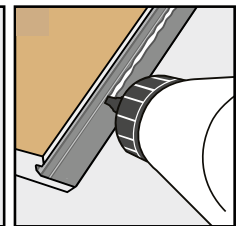


Fig. 17

### i. Installation around radiator/heating pipes

Mark the centres of the holes on both the long and short sides using a carpenter's square and a pencil. Where the marks cross, drill a pilot hole using a thin #6 or #8 drill bit. Further drill the hole with a spade bit wide enough to accommodate both the diameter of the pipe and the required expansion gap. Cut around as shown with a saw or utility knife (Fig. 18) and put a bead of suitable contact adhesive on the cut piece and replace (Fig. 19). Insert a spacer directly behind the inserted piece to wedge it in place ensuring that the correct sized expansion gap has been left. Leave this in place until the adhesive has hardened.

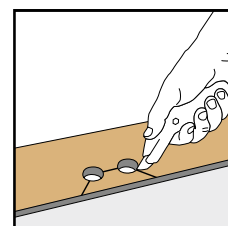


Fig. 18

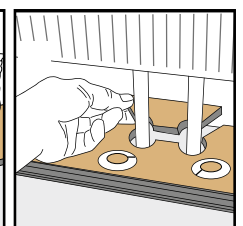


Fig. 19

Design flooring, multilayer, modular, for floating installation

## EXPONA LIVING Herringbone CLIC

### Important Information

- The key to a successful floating Herringbone installation is to first form a number of triangles from A and B planks as shown below in figures 1 – 11 which fit along the longest wall to commence the installation.
- As this is a floating installation it is important to calculate the required expansion gap before commencing the installation – (see General Information on Page 1) use spacers between the wall and the perimeter planks to maintain the correct expansion gap.
- No additional underlay is required – see subfloor preparation information (General Information Page 1).
- The flooring must be acclimated for a minimum of 48 hours prior to installation in the room where the installation will take place. Boxes should not be stacked more than three high during the acclimatisation process.
- Areas exceeding 10 linear metres or 100 sqm may require an additional expansion joint; Contact Customer Technical Support for further advice.
- Never install very heavy pieces of furniture such as kitchen islands/ cabinets directly on top of the flooring.
- The climatic conditions for installation should be: a floor temp of >15°C and a room temp of between 18-27°C.
- Always follow the prevailing local and/ or national standards surrounding subfloor preparation.
- Your attention is drawn to the General Information on Page 1 for further details relating to installation.
- Full details of the installation methods used for 2G/5G ranges can be found in the objectflor Technical Information manual ([www.objectflor.com](http://www.objectflor.com)).

### j. Dismantling of installed planks

When a plank is correctly locked, it may not be possible to take it up or remove it by hand without damaging the planks. Planks can be dismantled using a 0.9 mm wire (Fig. 20).

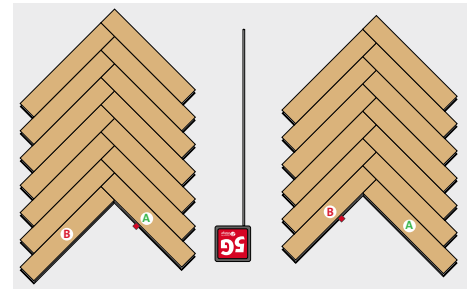


Fig. 20

Align the 0.9 mm wire with the installed 2G/5G joint so that the wire is between the profile of the last installed plank and the flexible tongue. Push forward the 0.9mm wire into the joint. This pushes back the flexible tongue and releases the plank for dismantling (Fig. 21).

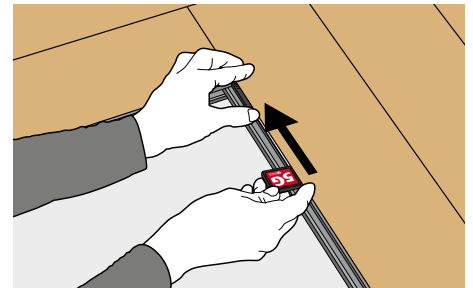


Fig. 21

The plank should now lift up easily on the long side (Fig. 22).

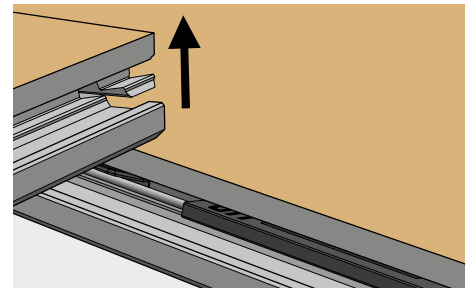


Fig. 22

### 6. NOTES

EXPONA LIVING Herringbone CLIC is a loose lay product. In areas subject to large temperature fluctuations such as heavily glazed areas and areas subject to direct sunlight, special care must be taken including a larger expansion gap of a minimum 10 mm and adequate UV protection.

**For further guidance contact objectflor Customer Technical Support.**