

Luxury vinyl flooring, multilayer, modular, for floating installation

EXPONA COMMERCIAL CLIC Planks

1. GENERAL INFORMATION

EXPONA COMMERCIAL CLIC is a floating installation, multi-layered, modular luxury vinyl flooring for use in heated interiors. The unique, 100% waterproof* floor construction, featuring a highly durable wear layer on a rigid core, a patented 5G/2G click system and an IXPE underlay laminated to the back for impact sound reduction offers a wide range of applications. EXPONA COMMERCIAL CLIC incorporates an acoustic base and therefore requires no underlay. **To ensure the best finished appearance it is essential to follow these installation instructions carefully.**

2. PRIOR TO INSTALLATION

When installing EXPONA COMMERCIAL CLIC always follow current national standards for the installation of floor coverings. Best current installation 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 requested. Claims for visual defects can only be accepted prior to installation and cutting.

3. PREPARATION OF SUBFLOORS

Subfloors should be prepared as described in BS 8203 / DIN 18365 or prevailing local / national standards. EXPONA COMMERCIAL 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. Carpets and soft floorings are unsuitable as a base for the installation of EXPONA COMMERCIAL CLIC planks, 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 planks locking mechanism.

4. CONDITIONING

EXPONA COMMERCIAL 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 COMMERCIAL CLIC are:

Floor temperature	> 15 °C
Room temperature	> 18 °C
Air Relative humidity	< 50-60 %

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

5. INSTALLATION

As EXPONA COMMERCIAL CLIC is a floating floor, a minimum expansion gap of 5mm should be left around the entire installation perimeter and anything protruding from the subfloor such as radiator pipes, fixed down items etc.

For larger installations over 5 m x 5 m an expansion gap of 1 mm per linear meter of room length should be used (maximum 12 mm in total). For example, a room 8 m x 4 m would re-quire an expansion gap of 8 mm around the entire perimeter of the room and around anything protruding from the floor. The length is determined by the direction in which the longest side of the plank is to be fitted. In areas under 5 m x 5 m use small off-cuts 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.

If installing in multiple rooms, finish the EXPONA COMMERCIAL CLIC in the doorway on either side of the door to make separate floors. Allow a larger expansion gap between two such floors of double that left around the perimeter. Use two small offcut pieces of EXPONA COMMERCIAL CLIC placed back to back to gauge the correct expansion gap size at door thresholds. A suitable threshold strip can then be installed to cover the resultant gap. EXPONA COMMERCIAL CLIC should never be installed across multiple rooms as one floor. Planks should always be laid with offset joints in a symmetrical brick bond pattern. When adjoining other floor coverings, finish the EXPONA COMMERCIAL CLIC in the doorway. An appropriate expansion gap should be left between the EXPONA COMMERCIAL CLIC and the adjoining floor covering. This can be covered using a suitable

threshold or diminishing strip (see diagram below). Areas over 250 m² or longer than 20 m will require specialist advice. Please contact objectflor's Customer Technical Support.

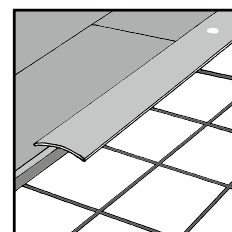


Fig. threshold strip

* EXPONA COMMERCIAL 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 COMMERCIAL 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.

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YOU WILL NEED:

- Pencil
- Utility knife
- Retractable measuring tape or folding ruler
- Handsaw / Hacksaw
- Carpenter's 90° square

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

a. First Plank first Row:

The planks are laid without glue. Start to lay the floor in the left-hand corner of the room with the lower male profile facing towards you (Fig. 1). A minimum expansion gap of 5 mm should be left around the installation perimeter and anything protruding from the subfloor. Use small offcuts from the planks as spacers between the planks and the walls to help achieve the correct size gap.

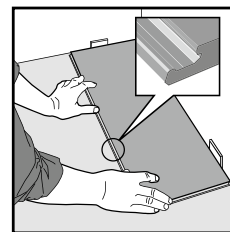


Fig. 1

b. Second Plank first Row:

Align the short end of the second plank close to the corresponding short end of the previous plank. Carefully fold it down with a single action movement (Fig. 2). Press firmly down on the short end of the next plank into the corresponding short edge of the first one, (Fig. 3). These should now lock securely together. It is important to ensure early in the installation that the short joints are fully engaged and locked into one another. Provided the planks align and fit flush with each other on the short joints after any hand pressure has been released, then the joints will be fully engaged. If they do not reapply pressure until this is achieved. Complete the first row in the same way (Continue in this way to as far as full planks can be installed to the end of this first row). **Note – if any planks require disassembly, the short sides can only be separated when flat on the floor, secure one plank and slide the second plank towards you. The long side can be separated using the reversal of the installation procedure (Fig. 13, Fig. 14).**

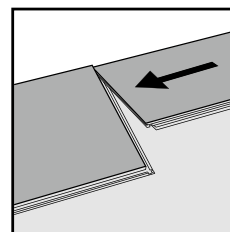


Fig. 2

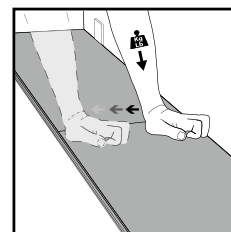


Fig. 3

c. Last Plank first row:

Insert correct sized spacer between the end of the first row and the wall to ensure the correct expansion gap is left. Before cutting this last plank first turn it around through 180° so the overhanging male profile on the short edge is facing the spacer / wall. This will ensure you have the correct profile required when positioning. Measure the length of this plank to fit (Fig. 4), cut to correct length (minimum length 350 mm). Note - The remaining part of this plank will start the next row.

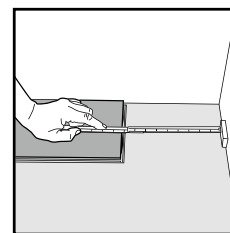


Fig. 4

d. First Plank second row:

Insert a spacer between the end of the first row and the wall (expansion gap). Start this new row with the leftover piece from the last row (min length 350 mm – Fig. 5). Insert the upper male profile of the long side of the plank into the corresponding lower profile of the long edge of the plank in the previous row, at a slight angle. Press down until it locks into place. Always try to stagger the short joints approx. 150 mm from the nearest short joint in the previous row (Fig. 6). Do not forget to include the required expansion gap to the wall.

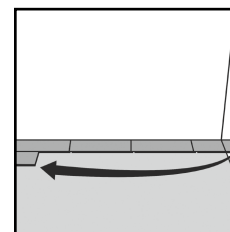


Fig. 5

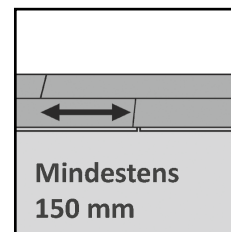


Fig. 6

e. Second Plank Second Row:

Gently place the plank close to the short end of the previous one (Fig. 7) and fold it down in a single action movement ensuring the corner of the long and short sides connect into the corresponding profiles of the short edge of the first plank second row, and the long edge lower profile of the corresponding plank in the previous row respectively. Press down and firmly to lock into place.

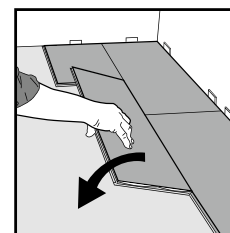


Fig. 7

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f. Remaining Rows:

Fit subsequent planks into place in the same way by easing the upper and lower profiles together on the long edges taking care to gently press down on the short joints until they lock into place. Remember to place spacers to ensure the correct expansion gap has been left at the walls (Fig.8). Continue in this way to the last row.

g. Last Row:

To cut the planks to fit the last row, position them one at a time directly over the previous row in the direction you will be laying them. Lay these planks on top of the installed row (Fig.9). Hold them firmly in place. Then line up a third plank on top. Place the edge of this plank against the wall after inserting a spacer. Use the edge of this plank to mark the cutting line with a pencil on the plank beneath (minimum width 50 mm). Carefully scribe along this line with the utility knife. Remember to place a spacer to the wall before measuring to ensure the correct expansion gap is left. After scribing cut the planks lengthwise. Remember to allow for the expansion gap. Carefully cut any excess with either a saw or a sharp utility knife.

h. Radiator Pipes:

Mark the centers 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 with a sharp utility knife (Fig.10). Install the floor plank. If necessary put a bead of contact glue on the cut piece and replace. 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 glue has hardened (Fig.11).

i. Door Frames / Architraves:

When installing EXPONA COMMERCIAL CLIC around a door frame or architrave cut into the door frame / architrave with a handsaw, using an offcut plank as a guide for the height and the amount to trim off the door frame. Slide the cut piece under the door frame (Fig.12).

j. Dismantling Planks

Separate the whole row by carefully lifting up and release the whole row (Fig. 13). Disassemble the planks by sliding the short ends horizontally (Fig. 14).

Because EXPONA COMMERCIAL CLIC is a floating floor, it can be walked on straight away after it has been installed. Remember to take out any offcuts or spacers you have used to gauge the expansion gap around the perimeter. Skirting boards, base boards, quadrants or scotia can be used to conceal the expansion gap; however they should be fitted directly to the wall or skirting board and never directly onto the surface of the product. Leave a small gap between the two (2 mm) to allow for free movement of the Tile. Do not use mastic or sealant to fill this gap.

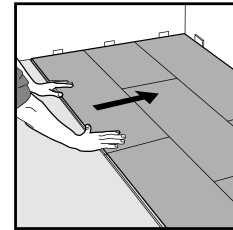


Fig. 8

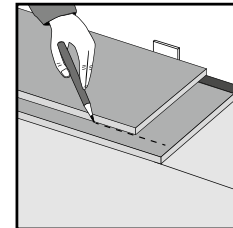


Fig. 9

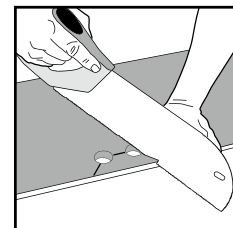


Fig. 10

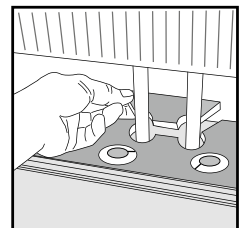


Fig. 11

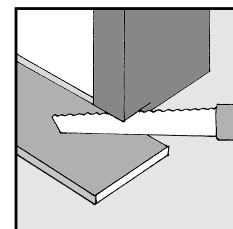


Fig. 12

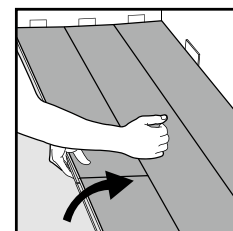


Fig. 13

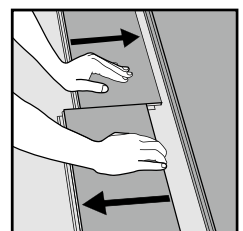


Fig. 14

6. NOTES

EXPONA COMMERCIAL 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 information, please contact our objectflor Customer Technical Support.