

# DesignLine2 030C CreativeLine2 055C

CLICK RIGID CORE Design flooring, multilayer, modular, for floating installation

## Installation Guide

### 1. GENERAL INFORMATION

DesignLine2 030C resp. CreativeLine2 055C is constructed of PVC over a rigid core design flooring to offer a strong, durable construction which is 100 % waterproof\* and offers impressive acoustic performance. The panels are available in various plank and tile formats. The panels are locked together without the need for any glue by a unique 2-G locking system comprising protruding (upper and lower) male profiles to create a floating floor where the panels can be installed and locked together in a single action. DesignLine2 030C resp. CreativeLine2 055C 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 DesignLine2 030C resp. CreativeLine2 055C panels 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. DesignLine2 030C resp. CreativeLine2 055C 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 DesignLine2 030C resp. CreativeLine2 055C, 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 29°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 2,0% 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 panels locking mechanism.

### 4. CONDITIONING

DesignLine2 030C resp. CreativeLine2 055C must be protected against dirt and moisture during storage and both before and during the installation. The climatic conditions acceptable for the installation of DesignLine2 030C resp. CreativeLine2 055C 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 panels to ensure a random appearance before installation.

### 4. INSTALLATION

As DesignLine2 030C resp. CreativeLine2 055C 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, 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. 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. The length is determined by the direction in which the longest side of the panel is to be fitted. In areas under 5 m x 5 m use small off-cuts as spacers between the panels 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. DesignLine2 030C resp. CreativeLine2 055C is a loose lay product. In areas subject to large temperature fluctuations such as heavily glazed areas and areas subject to direct sun-light, special care must be taken including a larger expansion gap of a minimum 10 mm and adequate UV protection.

If installing in multiple rooms, finish the DesignLine2 030C resp. CreativeLine2 055C panels 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 DesignLine2 030C resp. CreativeLine2 055C 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. DesignLine2 030C resp. CreativeLine2 055C should never be installed across multiple rooms as one floor. Panels should always be laid with staggered joints, at a distance of at least 150 mm.

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When adjoining other floor coverings, finish the DesignLine2 030C resp. CreativeLine2 055C in the doorway. An appropriate expansion gap should be left between the DesignLine2 030C resp. CreativeLine2 055C and the adjoining floor covering. This can be covered using a suitable threshold or diminishing strip (see diagram) Areas over 10 m x 10 m will require specialist advice.

### YOU WILL NEED

Pencil, Utility knife, Retractable measuring tape or folding ruler, Handsaw / Hacksaw, Carpenter's 90° square, Rubber mallet, pull bar. The use of safety glasses and protective gloves should also be considered.

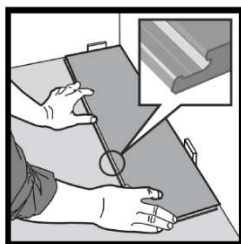


Fig.1

#### a. First Panel first row

The panels 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. For larger installations 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. Use small offcuts from the panels as spacers between the panels/tiles and the walls to help achieve the correct size gap. Place spacers between the short and long edges of the panel/tiles and the walls.

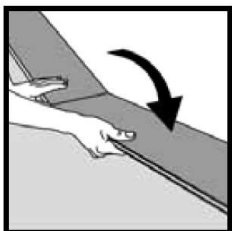


Fig.2

#### b. First row

The front sides of the second and following elements are placed at an angle (approx. 30°) and locked together by lowering. (Fig.2) Make sure that they are not offset from the longitudinal edge. It is recommended to check this by placing a remnant piece.

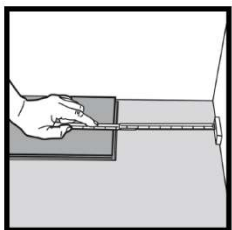


Fig.3

#### c. Last Panel 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 panel 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 panel to fit (Fig.3), cut to correct length (minimum length 350 mm). Note – The remaining part of this panel will start the next row.

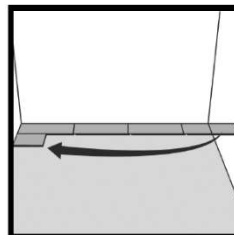


Fig.4

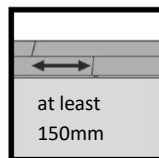


Fig.5

#### d.

##### Second row

Start the second row with the remaining piece of the last panel of the first row (Fig.4). Ensure that the head joint is offset by at least 15 cm to achieve an optically attractive installation pattern (Fig.5). Position a spacer between the tile and the left wall. The remaining piece and the other elements of the second row are first joined together at the end faces (as described under b.) and positioned as closely as possible along the long sides.

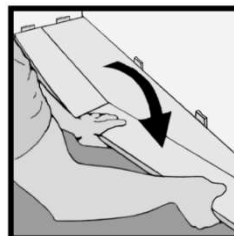


Fig.6

To lock the long sides, the boards already connected at the ends are slightly raised (approx. 30° Fig.6) and locked together by simultaneously lowering and pushing them together.

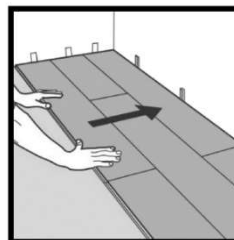


Fig.7

#### e. Further rows

Fit subsequent panels into place in the same way by easing the upper and lower profiles together on the long edges taking care to gently tap all edge profiles together using the rubber mallet until they lock into place. Remember to place spacers to ensure the correct expansion gap has been left at the walls (Fig.7). Continue in this way to the last row.

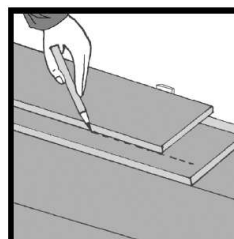


Fig.8

#### f.

##### Last Row

To cut the panels 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 panels on top of the installed row (Fig.8). Hold them firmly in place. Then line up a third panel against the wall after inserting a spacer. Use the edge of this panel to mark the cutting line with a pencil on the panel 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 panels lengthwise. Remember to allow for the expansion gap. Carefully cut any excess with either a saw or a sharp utility knife. If needed a pull bar can be used to pull the panel of the last row into the corresponding profiles of the penultimate row.

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The elements of the last row are first placed lengthwise, positioned at an angle (approx. 30°) and wedged towards the wall. (Tip: Use flooring residues). The other elements are interlocked at the ends and positioned in the same way. To lock the long sides, the wedges are removed from the wall and the boards already connected at the ends are locked together by lowering and pushing them together.



Fig.9

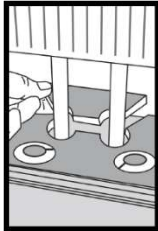


Fig.10

### g. 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.9). Install the floor panel. 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.10).

### h. Door Frames / Architraves

When installing DesignLine2 030C resp. CreativeLine2 055C around a door frame or architrave cut into the door frame / architrave with a handsaw, using an offcut panel as a guide for the height and the amount to trim off the door frame. Slide the cut piece under the door frame (Fig.11).

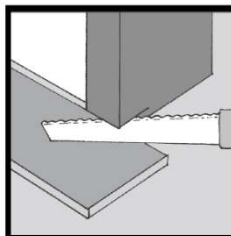


Fig.11

Because DesignLine2 030C resp. CreativeLine2 055C 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 the natural movement of the plank.

\* DesignLine2 030C resp. CreativeLine2 055C tiles and planks 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, DesignLine2 030C resp. CreativeLine2 055C 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.

## 6. NOTES

DesignLine2 030C resp. CreativeLine2 055C is a loose lay product. In areas subject to large temperature fluctuations such as heavily glazed areas and areas subject to direct sun-light, special care must be taken including a larger expansion gap of a minimum 10 mm and adequate UV protection.

**Areas over 10 m x 10 m will require specialist advice. Please contact our Customer Technical Support.**