

## General Information

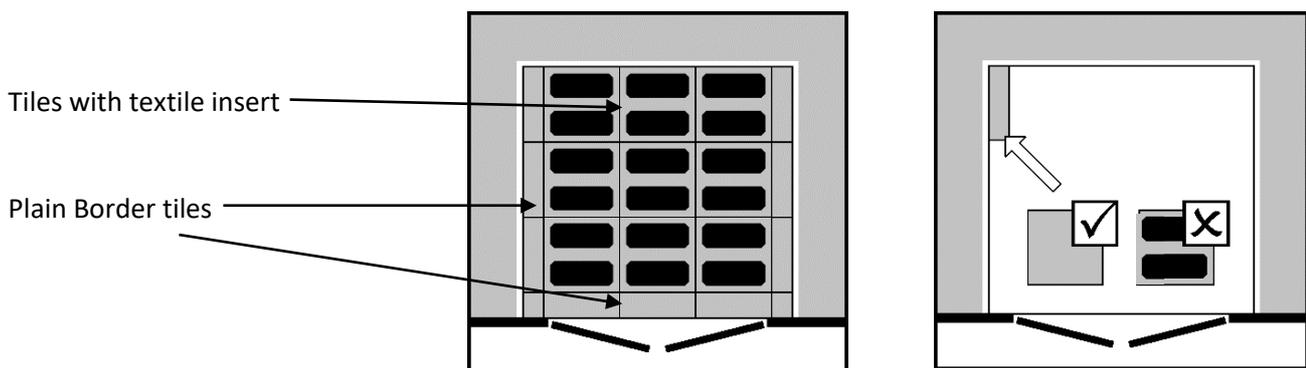
**Coral Click** is an exceptionally versatile 'off the shelf' modular matting system that can be assembled on site. The system comprises interlocking PVC tiles with a closed construction in two options:

- a body tile with Coral Brush textile inserts
- a border plain PVC only tile without an insert

The tile with inserts is used for the body of the entrance system with the plain tiles used to form the border. This is particularly important where cut tiles are required to fill a pre-existing constraint such as a matwell or wall.

**Note: Where Coral Click tiles are not constrained by perimeter walls or a matwell, a mechanically fixed surface mounted frame or suitable transition profile must be used.**

Tiles with Coral inserts should always be laid as full tiles and **not** cut (see example below).



Coral Click tiles are supplied part assembled in panels of four tiles and six panels per box.

Each tile is 239 x 239mm and each panel of four tiles is 956 x 956mm.

Coral click can be fitted:

- within the confines of existing walls
- bordered with an aluminium profile when surface mounted
- set into a new or existing matwell

The thickness of each tile is:

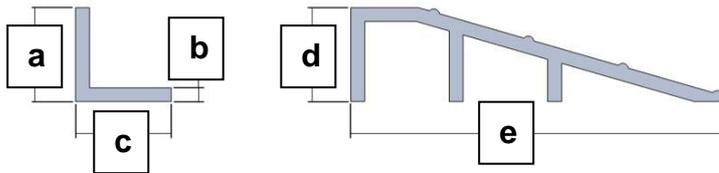
Tiles with Coral brush inserts - 14mm (12mm nominal) or 19mm (17mm nominal)

Plain tiles - 11mm (12mm nominal) or 16mm (17mm nominal)

**Note: each set of four panels is supplied in the packaging in the assembled state. It will be necessary to disassemble the panels with most installations prior to installation to achieve the desired pattern/layout.**

## Surface mounted or matwell profiles

The nominal thickness of the tile should be referred to when selecting profiles for surface mounting or matwells.



L-profile for matwell frames: 12 mm height Coral Click: AMF 163 (a = 16 mm, b = 3.0mm, c = 21mm)  
17 mm height Coral Click: AMF 213 (a = 21 mm, b = 3.0 mm, c = 16mm)

Ramp-profile for surface mounting: 12 mm height Coral Click: ARF 50 (d = 11 mm, e = 49 mm)  
17 mm height Coral Click: ARF 70 (d = 17 mm, e = 70 mm)

## Subfloor Requirements

The quality of the finished installation will depend on the quality of the sub floor. Irregularities in the subfloor will affect the finished matting installation. All subfloors should be smooth, sound clean and dry. Particular attention should be paid to the following:

**New Concrete sub floors** should be constructed over a moisture barrier and tested to ensure they have reached the required level of dryness (75% RH or less) with a Hygrometer.

**Existing Concrete floors** - all irregularities should be patched or leveled with a smoothing compound.

Do not install over sandy, soft surfaces or over subfloors that may develop hydrostatic pressure.

**Existing matwell** floors should be sound, dry, smooth and level. All irregularities should be patched or leveled with a smoothing compound.

**Raised Access Floors** should be smooth, level and clean. Degreasing may be necessary on steel faced panels. Any old adhesive residues must be removed.

Raised access flooring panels have a tendency to settle shortly after installation and this should be taken into account when assessing raised access flooring systems. Ridges between uneven raised access floor panels may cause lipping of the tile joints or premature wear.

Panels should be checked before commencing installation to ensure that they are close fitting and level. Uneven or loose floor panels should be levelled or re-fixed before installing Coral Click.

If any doubt exists, the area of flooring to receive Coral click should be overlaid with 5.5mm plywood to Annex A of BS8203:2017

**Old resilient flooring** should

- a. be clean, sound and bonded tightly to the sub floor.
- b. have loose or broken areas removed and replaced with sound material or levelled with a good quality smoothing compound.

If any doubt exists existing floor coverings should be removed.

**For any subfloor constructions not listed above, please contact Forbo Flooring Technical Services for further advice.**

### Acclimatisation

Prior to installation, boxes of tiles should be removed from the delivery pallet and stored not more than five boxes high in the laying area for at least 24 hours in temperatures between 18 and 27°C.

The conditioning time should be extended to 48 hours if materials have been stored or transported at temperatures less than 10°C immediately prior to delivery.

### Underfloor Heating

As with all Forbo floor coverings, Coral Click can be used in conjunction with under-floor heating systems. A separate guidance note "[Installation of Forbo PVC and Linoleum Floor Coverings on Underfloor Heating Systems](#)" provides more information on the conditions for installation in such circumstances.

### Outdoor use

Coral Click is designed for indoor use only. Where a primary external entrance mat is required Nuway Grid or Connect with Ultra Grip rubber inserts or Nuway Tuftiguard plain may be used to compliment the Coral Click interior mat and create an economic and effective entrance system.

### Installation

Coral Click is normally laid monolithic, with the Textile inserts running lengthways across the main traffic direction. Other laying options are available, but these will require separation of the four preassembled tiles (see laying options at the end of this document).

When laying into a pre-defined area such as an existing matwell or between walls, set out the main field of tiles with textile inserts centred to the nearest full tile. Use plain tiles around the perimeter, where possible, leaving a border width of at least 3cm.

Reducing the maximum border width to less than 15cm will reduce the wastage factor for the border tiles (see fig.1).

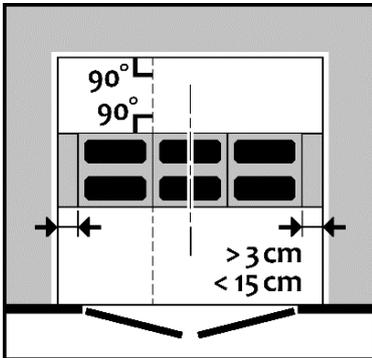


Fig.1

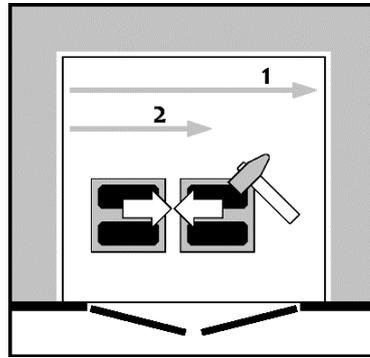


Fig.2

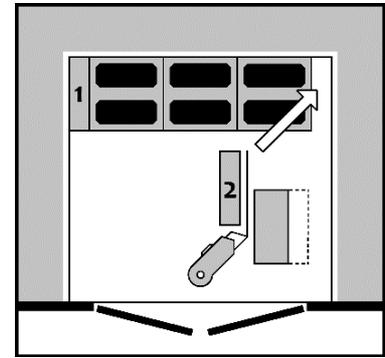


Fig.3

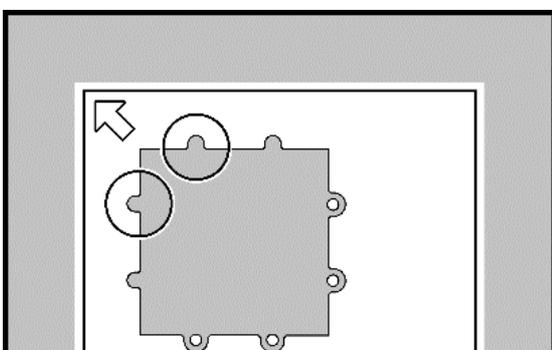
Lay the tiles one row at a time across the width of the mat. Place the second tile in position of the male connector of the first and use a soft headed mallet to lock the tile in place. Repeat with each subsequent tile until the row is complete (see fig. 2)

Border tiles can be cut to size by marking the cut line to the desired tile width and cutting through fully with a Utility knife and a straight blade (two to three cuts will normally be sufficient to cut through the tile). Alternatively score the tile twice with a utility knife and a straight blade, bend the tile back along this score line and make the final cut with a utility knife and either hook or straight blade. Power tools such as jigsaws can also be used for cutting Coral Click (plain tiles only) if desired (see fig.3).

**Note:** when using a jigsaw use the jig knife blade rather than the jig saw blade such as Bosch T113A as this will produce a cleaner cut.

When laying tiles to an existing level surface with a ramp profile, the tiles may be set out to the nearest full tile and the ramp frame fitted afterwards.

**Note:** when fitting to contained perimeter edges (such as those of a surface mounted frame) with full tiles it will be necessary to cut off the male connector on two sides of the finished mat system (see below):



**On completion of the installation**

First impressions may have more impact on the client than hours of skilled fitting.

The completed installation should be cleared of scrap material and debris, the floor swept or vacuumed.

If the entrance system is to be protected from other trades or site traffic prior to project completion, a protection product should be chosen that is appropriate for the type and level of traffic likely to be experienced and the potential for impact, scratching or indentation damage.

In many cases it is customary for the initial floor cleaning to be left, or subcontracted, to a professional cleaning and maintenance contractor who will have the staff and equipment to do the job thoroughly.

If the optimum performance of any new floor covering is to be achieved, it is important that the correct cleaning and maintenance procedures are used from day one. Cleaning and maintenance guides for all Forbo Flooring linoleum products are available for download at: <http://www.forbo.com/flooring/en-uk/downloads/entrance-flooring-systems/pamsi5>.

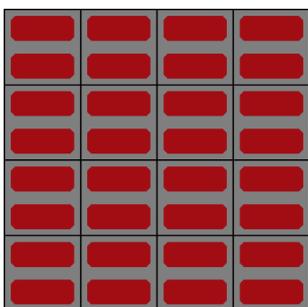
Cleaning and maintenance guides should be passed onto the main contractor, client or end user as appropriate on completion of the installation, and before any hand over clean is started.

If in any doubt contact us:

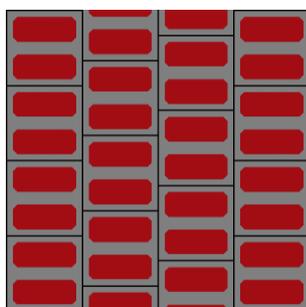
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**Additional Reference documents and information:**  
Forbo Floor Coverings Installation Guide: [www.forbo-flooring.co.uk](http://www.forbo-flooring.co.uk)  
BS8203:2017  
The CFA Guide to Contract Flooring (Tel: 01159 411126)

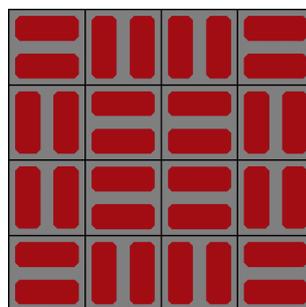
**Installation options**



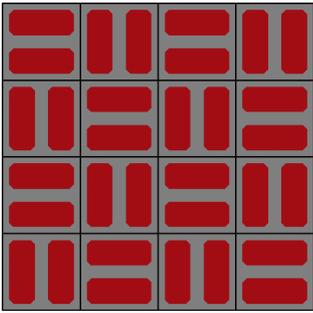
Monolithic



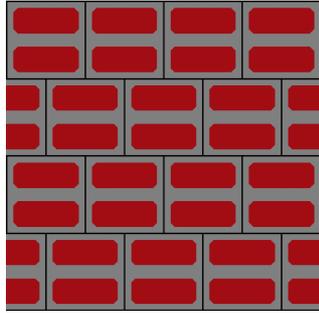
Half Drop



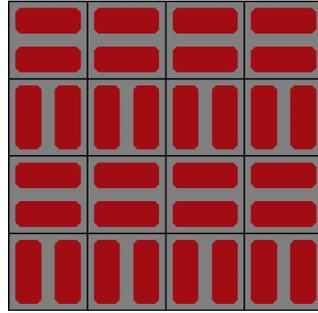
Quarter Turn Mirror



Quarter Turn/Tessellated



Brick



Alternating