

General

Adoption of best practise in relation to installation techniques including subfloor preparation is essential to ensure the optimum performance and life expectancy of the floor covering

Coral Textile Entrance systems should be protected from dirt and dust from other trades before, during and after installation. Failure to do so may affect the performance warranty.

Subfloor preparation

The quality of the finished installation will depend on the quality of the subfloor. All subfloors must be sound, smooth, clean, and permanently dry in accordance with BS 5325:2001 Installation of Textile Floor coverings Code of practice. Irregularities in the subfloor will be apparent in the finished floor covering.

Underfloor Heating

Coral Textile entrance systems are suitable for use with underfloor heating systems (Tog Values 1 to 1.5). A separate guidance note "[Installation of Forbo Floor Coverings on Underfloor Heating Systems](#)" provides more information on the conditions for installation in such circumstances.

Batch Matching

When ordering material each floor area must be specified from the same batch. The batch number is clearly marked on the reverse of sheet or tile products and must be checked before commencement of installation.

Installation – sheet products

Installation must be carried out in accordance with the requirements of BS 5325:2001 or any subsequent revision, and the guidelines contained in the Contract Flooring Association "Guide to Contract Flooring".

Rolls and cuts should be stored horizontally.

Coral sheet products should always be fully adhered.

The recommended adhesive for use with Coral classic, brush, welcome and duo is Eurocol 540 Eurosafe Special or 640 Eurostar Special (EC1 - low VOC)

There is an arrow indicating pile direction on the reverse of every backed sheet product. Install sheets with arrows running in the same direction.

For all Coral textile products (except Coral duo) with an Everfort vinyl backing, trim with a straightedges and knife from the back of the sheet. Remove the 2.5cm edge border plus an additional 1cm to provide a suitable edge for butt jointing.

Note: Seams in the main footfall area e.g. in the centre of a doorway should be avoided.

For Coral duo (Everfort vinyl backing) multiple width application, trim from the top with a straight edge and knife. Remove the 2.5cm edge border from all edges and any further material as necessary to maintain a continuous rib design between sheets.

Note: The direction of manufacture of Coral duo is not the traffic direction – ensure the ribs are running at right angles to the walking direction.

Installation – Coral classic/brush tiles

Any carpet tile can be susceptible to a certain amount of pile distortion when they are taken out of their boxes. This may result in visual differences in appearance between tiles during, and immediately following, installation.

After fitting and assuming normal prevailing conditions (under dynamic foot movement) this visual differential will diminish as the pile recovers to its natural position. Recovery will normally take place soon after installation. However, in some cases it can take up to six weeks for the pile to fully condition and develop a uniform visual appearance.

Pile distortion is not a manufacturing defect.

Prior to installation, the carpet tiles must be allowed to acclimatise in opened boxes for at least 24 hours in the atmospheric conditions which will prevail during use. This is particularly important if the tiles have been stored or delivered in

conditions of extreme temperature and/or humidity.

The arrow marks on the reverse of every tile indicate the direction of pile lay. The preference of the specifier as to "broadloom", "tessellated" or other visual effects must be confirmed before tiles are installed.

Carpet tiles must be adhered using an all-over tackifier adhesive system;

Forbo Eurocol 542 Eurofix Tack Plus is recommended. Where periphery tiles are not constrained by fixtures e.g. walls, edge strips etc., it is recommended that such tiles are adhered using a permanent adhesive; Forbo Eurocol 540 Eurosafe Special is recommended.

Adhesives must be applied according to the manufacturer's instructions and it is essential that tackifier

adhesives are allowed to dry to a tacky finish before laying the carpet tile. Failure to do so could result in a permanent non-release bond.

Ensure that each tile butts up to its neighbour as tightly as possible without causing it to peak or "dome" off the subfloor. It is essential that no pile material becomes entrapped between tiles.

Coral brush tiles – fitting options (linear design versions)

Tessellated



Broadloom



Installation – Coral loose lay mats

Loose lay Coral mats may be used on smooth resilient flooring surfaces either as a temporary solution (in accordance with HSE guidance) or in areas where a fitted Coral zone is impractical. In any location or use, it is important to check that the Coral PVC backed mat is compatible with the existing flooring. For example, vinyl flooring may permanently discolour due to the effect known as

plasticiser migration between the two PVC surfaces.

In some instances with compatible very smooth floors, some slippage of the mat may still occur. If this is experienced, the mat should be secured using PMR (Plasticiser Migration Resistant) double sided tape.

Please note:

- The use of Coral mats on top of any type of textile

flooring is not recommended due to the high likelihood of the mat moving on the textile products surface pile with the resultant potential to cause a trip hazard.

- Always ensure that the Coral mat is flat during use (and storage) to avoid edges curl.

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Additional Reference documents/Information

BS5325:2001
The CFA Guide to Contract Flooring (Tel: 01159 41126)