

FLOTEX INSTALLATION GUIDE

FLOTEX MATERIAL PREPARATION

Both roll and tiles should be stored at room temperature for 24 hours before installation. Flotex roll should be stored in an upright position, tiles should be laid flat.

Before you start, ensure that you have enough of the correct design and colourway to complete the job.

Flotex roll and tile should not be mixed within the same area.

Make sure all material is from the same lot and sub lot. In addition, for Flotex roll, make sure the rolls are used in ascending or descending sequential numerical order to ensure colour continuity.

Example:	EVORA	294015	LOT216/13
	Design	Colourway Code	Lot No. Sublot

SUB FLOOR PREPARATION

For both roll and tile installations the sub floor must be:

- Permanently dry – when tested with a hygrometer, relative humidity must not exceed 75%. Damp proof membrane should be present.
- Smooth
- Level
- Clean
- Of sound construction.
- Compatible with adhesive system.
- Ground temperature should be minimum 10°C

Refer to national standard for installation of relevant floorcovering type, e.g. BS 8203.

The following points should also be observed depending on the type of subfloor.

Concrete/Sand-Cement Screeds

These must be fully cured, dry and any laitance removed. Surfaces which are uneven/damaged should be rectified using an appropriate smoothing compound. (see 1.)

Porous/powdery surfaces should be treated according to the adhesive manufacturer's recommendations. Power floated concrete surfaces must be covered using a suitable smoothing underlayment.

Timber Bases

- Tongued and grooved:- must be covered with a fabricated underlayment, e.g. plywood or hardboard, and fixed according to BS 8203, or equivalent international standard.
- Wood block/strip:- preferably take out the blocks and bring up to the level with a proprietary screed. (If blocks are not removed then a problem free installation cannot be guaranteed). If however, blocks are left in ensure that they are undamaged, free from contaminants and protected against damp before administering adhesive. Also, prior to fitting, discuss with the adhesive manufacturer, the local Flotex supplier or Technical Services Department at Bonar Floors in the UK.
- Chipboard/Particle board:- must be primed with a suitable primer as recommended by the adhesive manufacturer and fixed as described in BS 8203.

Asphalt and Other Impervious Substances

Must be covered with an application of a smoothing underlayment to the required thickness.

Existing Floorcoverings (Not Textiles) may be covered provided that:

- existing floorcoverings and the adhesive to be used are compatible - check with adhesive manufacturer.
- existing floorcoverings are complete and securely adhered to the subfloor.
- all surface contaminants are removed, e.g. sealer, polish.

IF IN DOUBT TAKE IT OUT!

Textile Floorcoverings

Are not suitable for laying on to and must be removed.

Cork, Rubber and Similar Floorcoverings

Are not considered suitable for laying on to and must be removed.

Adjoining Materials

Where products of different thicknesses meet, the protruding edge must be protected.

ADHESIVES

Adhesives for Flotex Roll

All Flotex roll materials must be fully bonded to the sub-floor using an approved adhesive. Selection of the correct adhesive will depend on the usage of the finished floor.

For general usage a good quality acrylic adhesive should be used as recommended by the appropriate adhesive manufacturer.

For specialised uses then alternative adhesive types should be used e.g. contact, polyurethane, epoxy.

Adhesives for Tiles

Flotex tiles must be fully adhered to the subfloor. However, it must be noted that 2 systems are available:

- Permanent Bonding**
This is the best method of fitting tile and roll Flotex. It is essential for heavy floor traffic areas, all roller traffic, and areas where heavy point loading occurs, e.g. cash points, cabinets, telephone kiosks, castor chairs etc.
- Surface Tackifier**
This has limited adhesion but inhibits lateral movement of the Flotex tiles across the surface. It is applied over the whole area with a brush or roller and left to dry to a tacky film.

General Note

- If in doubt about which product to use, consult the adhesive supplier.
- Ensure the manufacturer's recommendations relating to coverage, open times, drying times, trowel size etc are followed.

LAYING FLOTEX ROLL

- Mark out the room.
- Cut the rolls to the required lengths, remembering to allow for the pattern repeat. Butt-joint factory edge to ensure an accurate pattern match.
- Allow at least 5cm trim at ends.
- 1** Lay the sheets edge to edge, following the direction of the arrows, which should point towards the main light source, NEVER AWAY.
- 2** Trim off surplus.
- Mark the position of the first sheet in pencil on the floor.
- Roll the sheets back onto themselves.
- 3** Spread the adhesive on the exposed subfloor using the correct notched trowel as per adhesive manufacturer's recommendations.
- Follow the adhesive manufacturer's instructions regarding coverage, open times, drying times etc.
- Unroll the first sheet following the pencil mark on the floor.
- 4** Continue to lay the following sheets in the same way, edge to edge with close, butt joints.
- 5** Using a spatula, press the Flotex firmly into the adhesive from the centre, towards the edges, to eliminate air bubbles and ensure good adhesion to the sub-floor.
- 6** Trim off excess floorcovering along the walls and skirting boards.
- Continue in the same way for the rest of the room.
- Finish off with a spatula over the entire floor.

NB To forestall potential problems with the deviation of wheeled traffic when crossing the dense pile of Flotex, we strongly recommend that the floorcovering be laid lengthways along the main traffic paths. Artline can be used to disguise changes at junctions and as a design feature in corridors over 2 metres wide.

Bonar Floors will not accept complaints once the fourth sheet has been laid.

LAYING FLOTEX ON A STAIRCASE

Flotex roll is suitable for use on stairs, following these guidelines:

- Nosings should always be used.
- A separate piece of Flotex must be used for each tread and riser.
- Use contact adhesive only.



ARTLINE BORDERS

Edging a room with Artline Borders

This method may be followed when Flotex Artline is being used to border the edge of a room.

- Lay the Flotex sheets, leaving room for the Artline borders. Allow 1cm - 2cm trim from the Artline in case the walls are not perfectly straight.
- Lay the borders.
- Press firmly home with a spatula.
- Trim and press home again.

Inlaying the Borders

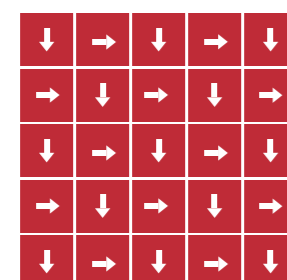
- Lay and adhere all the sheets in the room.
- Measure out the locations for the Artline strips.
- 1** Mark with white chalk.
- 2** Place the cutting guide in position.
- Cut piece out from both sides.
- 3** Remove the cut piece of floorcovering.
- 4** Apply a new layer of acrylic adhesive.
- 5** Lay the Flotex Artline border in position.
- 6** Using a spatula, press border firmly into place.

LAYING FLOTEX TILES

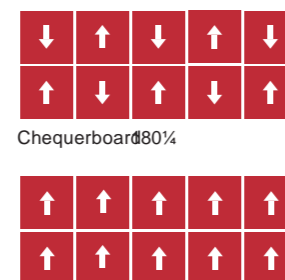
We recommend that all tiles are laid chequerboard however some designs can also be laid broadloom.

- On the back of each tile there is an arrow indicating pile direction.
- Mark out the room.
- Decide how the tiles will be laid. See below for guidance.
- Tiles must be laid butt jointed, fitted tightly and cut accurately at perimeters. Tiles can be cut using a utility knife.

DESIGN	LAYING DIRECTION
Monaco	Chequerboard or Broadloom
Palermo	Chequerboard or Broadloom
Ventura	Chequerboard or Broadloom
Senya	Chequerboard or Broadloom
Samba	Chequerboard
Montana	Chequerboard



Chequerboard 90%



Chequerboard 80%



Broadloom

If there are any doubts or questions regarding installation of Flotex, always refer to the local Flotex supplier, or Technical Services at Bonar Floors UK prior to commencing installation.

BONAR FLOORS

Flooring solutions from entrance to exit

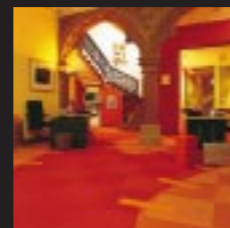
Bonar Floors is committed to providing technically advanced specialist floorcovering solutions from entrance to exit for customers worldwide through its four leading brands: Nuway, Coral, Flotex, Chocflex.

Nuway

The engineered entrance system Nuway offers custom made solutions for safe footing and effective removal of dirt and moisture in high traffic areas.

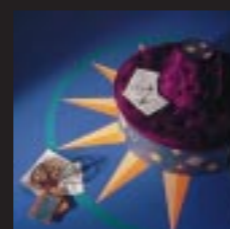
CORAL™

The flexible clean-off system Coral stops walked-in dirt and moisture, saves in cleaning costs and enhances the life span of other floorcoverings.



FLOTEX™

Unique performance by design Flotex offers unique performance in durability, cleanability and appearance retention by combining the advantages of both vinyl and carpet.



CHOCFLEX™

The heavy duty acoustic vinyl Chocflex is the ideal solution for heavy traffic areas where durability, sound absorption and low maintenance are key considerations.

BENELUX
Bonar Floors NV
Vlietsend 20A
1561 AC Krommenie
The Netherlands
Tel: + 31 75 6 273 273
Fax: + 31 75 6 273 274

FRANCE
Bonar Floors SA
Parc Industriel Ouest
37110 Châteaurenault
France
Tel: + 33 24729 8500
Fax: + 33 24729 8501

GERMANY AUSTRIA SWITZERLAND
Bonar Floors GmbH
Dechenstrasse 15a
D-40878 Ratingen
Germany
Tel: + 49 2102 92650
Fax: + 49 2102 926550

HONG KONG
Bonar Floors Ltd
Unit 703,7/F.,
Oriental Centre
67D71 Chatham Road
Tsim Sha Tsui
Kowloon
Hong Kong
Tel: + 852 2510 8901
Fax: + 852 2806 2317

USA
Bonar Floors Inc
365 Walt Sanders Memorial Drive
Suite 100
Newnan
Georgia
USA
Tel: + 1 770 252 4890
Fax: + 1 770 252 4894

UK & ALL OTHER COUNTRIES
Bonar Floors Ltd
High Holborn Road
Ripley
Derbyshire
DE5 3NT
Tel: + 44 (0) 1773 744121
Fax: + 44 (0) 1773 744142


BONAR FLOORS
A LOW AND BONAR COMPANY

www.bonarfloors.com

12/2001

FLOTEX™

Unique performance by design

FLOTEX INSTALLATION