

Flotex© Tile Installation Instructions

Preparing the subfloor for Flotex Tiles

The quality of the finished installation will depend on the quality of the subfloor.

In principle what is felt by the hand will be seen by the eye.

Irregularities in the subfloor will be apparent in the finished flooring. All subfloors should be smooth, sound, clean and permanently dry in accordance with A/NS 1884-2013 "Floor coverings - Resilient sheet and tiles – Installation practices."

Chipboard/Particle board; must be overlaid with flooring grade hardboard or plywood to prevent future potential movement. Plywood subfloors that have been treated against termite attack should be overlaid with a flooring grade underlayment.

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. Material must be acclimatised between 18°C to 27°C for at least 24 hours before installation and the temperature maintained during laying.

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.

Laying Flotex tiles

- The arrow marks on the reverse of every tile indicate the direction of pile lay.
- The preference of the specifier as to "broadloom", "1/4 turn" or indicated on product sample books and below, but if there is any doubt check with Forbo Flooring prior to installation.
- Tile must be laid butt jointed, fitted tightly and cut accurately at perimeters. Tiles can be cut using a utility knife.

Installation

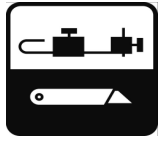
Flotex tile should be installed using a high tackifier (pressure sensitive) adhesive.

Adhesives must be applied in accordance with the adhesive manufacturer's instructions.

- **It is essential that a full spread tackifier PS adhesive is allowed to dry clear and tacky before laying the Flotex tiles.** Failure to do so could result in a permanent non-release bond and cause adhesive to seep through joints.
- Ensure that each tile butts up to its neighbour as firmly (net) as possible without causing edge peaks, cut the perimeter tiles firmly against the wall.
- Roll completed installation with a minimum 34kg 2 - 3 wheeled roller.
- In high wheeled traffic areas of high point loading and where tiles are not constrained by fixtures e.g. walls, transition profiles. **DO NOT** use tackifier adhesives. Instead use a wet set permanent bond vinyl adhesive.
- InterTac+ adhesive is recommended as the pressure sensitive adhesive. Ardex AF145, UZIN KE 2000S & Ardex AF 2365 are recommended as the permanent adhesives.

Batch Matching

As with any floorcovering use of different production batches will always result in visible shade differences. It is essential that different batches are not mixed in the same area. When ordering tiles, each floor area must be specified from the same batch. The batch number is clearly marked on the reverse of tile products and must be checked before commencement of installation.



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Stir adhesive well before use.

Priming of porous concrete and none overlaid timber (plywood) subfloors with an acrylic floor primer is highly recommended.

General areas:

Pressure Sensitive Adhesive; Apply with a long nap roller (minimum of 10 mm pile height). Allow adhesive to dry and turn clear leaving an even tacky film. Install tiles and roll accordingly.

High point load wheeled traffic areas:

Permanent vinyl adhesive; Spread rate V1 trowel – approximately 5m² per litre.

Spread rate is a guide only, depending on the porosity of the subfloor.

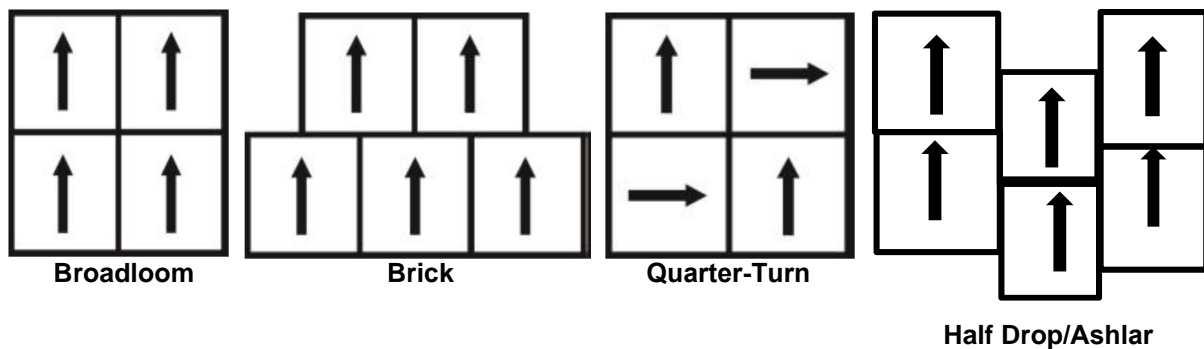
Highly absorbent subfloors must be primed prior to the application of adhesive.

Wet adhesive can be removed with a clean rag dampened with clean water.

Dry adhesive can be removed with a clean rag dampened with mineral turpentine.

Areas that could be affected by intense heat magnification from direct sunlight passage through window areas – Use a hard set adhesive.

Tile Installation options:



Under floor heating; as with all Forbo floor coverings, Flotex tiles can be used in conjunction with under-floor heating systems. A separate guidance note “**Installation of Forbo Floor Coverings on Underfloor Heating Systems**” provides more information on the conditions for installation in such circumstances.