

## Design

The quality of the finished installation will depend on the quality of the sub floor. Irregularities in the subfloor will be apparent in the finished flooring. All subfloors should be smooth, sound clean and dry in accordance with BS8203. 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** should incorporate an effective DPM. If a DPM is not present or any doubt exists then a proprietary Surface damp proof membrane should be applied. 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.

## Preparation of other bases

**Raised Access Floors** should be smooth, level and clean. Degreasing may be necessary on steel faced panels. Any old adhesive residues must be removed. Panels should be close fitting and uneven panels should be leveled or grin through of the panel profile may occur.

**Old resilient flooring** should

- be sound and bonded tightly to the sub floor.
- have loose or broken areas removed and replaced with sound material or levelled with a good quality smoothing compound.
- be abraded to remove old wax, seals and dirt and then thoroughly cleaned.

If any doubt exists existing floor coverings should be removed.

**Timber Subfloors** should be prepared in the same manner and to the same standard as for all other resilient finishes.

## 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. 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, Allura Flex 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.

## Installation General Advice

Most Allura Flex designs are non-directional; however, the following installation advice is given.

Stone, concrete and sand tiles may be laid either in bond (broadloom) or brick pattern.

Textile designs should be installed chequerboard.

Traditional wood designs do not require shuffling prior to installation, but dry laying will identify best use of design.

**Allura Flex tiles should be installed using a high grab tackifier adhesive. Forbo recommends Forbo Eurocol 542 Eurofix Tack Plus.**

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 floor covering. Failure to do so could result in a permanent non-release bond.

Contact Forbo Flooring Technical Services department for further advice on installation in areas liable to be subjected to abnormal temperature variation in use, for example, retail premises with glazed window fronts, conservatories etc.

Additional Reference Documents:  
Forbo Floor coverings Installation Guide. (Tel: 0800 731 2369)

**Forbo Flooring UK Ltd. Tel: 0800 0282 162: Fax: 01772 646912: Email: [info.flooring.uk@forbo.com](mailto:info.flooring.uk@forbo.com).**

**Issue Date: November 2014**