

## SUBSTRATE PREPARATION AND PLANKS/TILES INSTALLATION



### **Basic rules and guidelines before laying down your new floor**

The substrate for Technofix planks must always be solid, completely flat, load bearing and permanently dry (max. 2% humidity). In addition, it must be clean and free of debris.

Following the advice bellow will ensure the best results for each type of base floor:

#### **Concrete/cement/anhydrite floor:**

If necessary, level the base floor with a self-leveling compound and remove all dust. Use appropriate cement-based patching and skim coating compounds to fill holes, voids and minor irregularities in concrete substrates.

#### **Underfloor heating:**

Combining Technofix flooring with an underfloor heating system, the temperature must remain below 28°C at all times. Do not place vinyl tiles or vinyl planks on any heating elements. The heating system must be turned on for at least 4 weeks before the floor is laid down in order to prevent shrinkage and expansion of the base floor.

**Tile floor:**

Fasten loose tiles. Fill the joints with a leveling compound or level the floor entirely.

**Wooden substrate:**

Make sure that nails and uneven areas have been removed and secure any loose wood floorboards. The wooden subfloor must be solid and completely stable. Do not place vinyl tiles or vinyl planks on any heating elements. Always leave 10mm of space between the wood boards panels and the wall, heating pipes and door frames, etc. Use appropriate cement-based patching and skim coating compounds to fill holes, voids, and minor irregularities in plywood floor substrates.

**Soft vinyl or carpet flooring:**

Most floor coverings such as soft vinyl, cork and carpet must be removed and follow the steps described in the basic rules for the concerned substrate prior to the application of a Technofix flooring. Any weakly bonded or soft surface material, such as loose adhesive residues, leveling compounds, floor coverings or coatings must be removed properly.

## PLANKS/TILES INSTALLATION

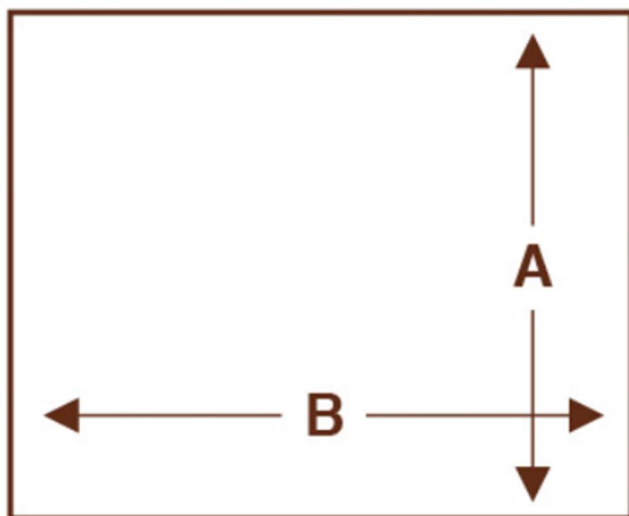
### 1. SURFACE AREA CALCULATION

Measure the length "A" of your room (in linear feet)

Measure the width "B" of your room (in linear feet)

Multiply the length "A" by the width "B"

The result will give you the total surface area to cover.



## 2. SURFACE PREPARATION

The surface must be free from grease, oily residue, waxes, and paint which could prevent a good bond.

The surface must be clean and free of dust.

The surface must be dry and free of moisture and mold.

A glossy surface must be sanded to allow for proper adhesion.

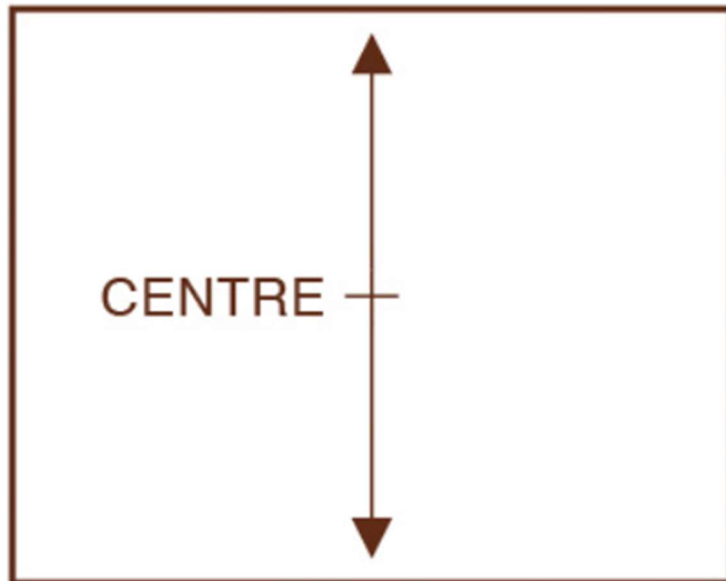
TECHNOFIX vinyl flooring molds to the existing surface. Prepare the surface so as to eliminate all irregularities;

countersink nail heads, fill cracks and holes.

## 3. MARKING THE ROOM

a) Find the exact center of the room

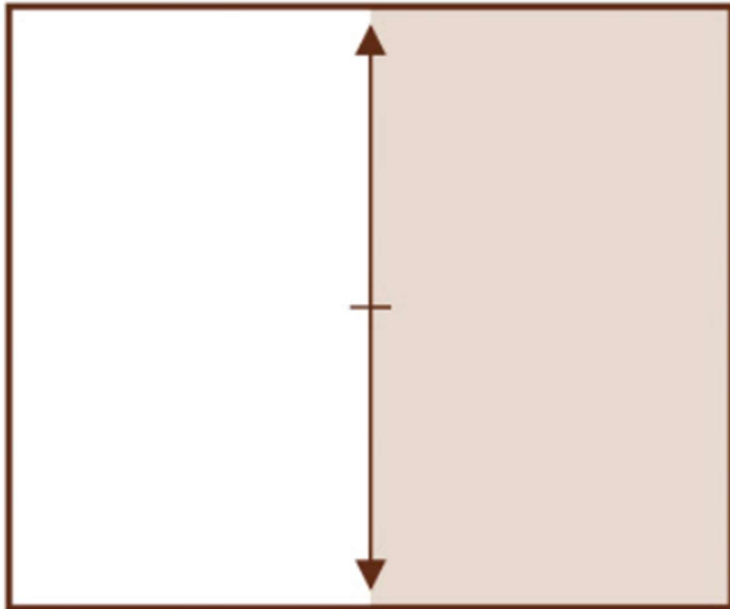
b) Trace a reference line the entire length of the room marking the exact center



## 4. SPREADING THE GLUE AND BEGINNING INSTALLATION

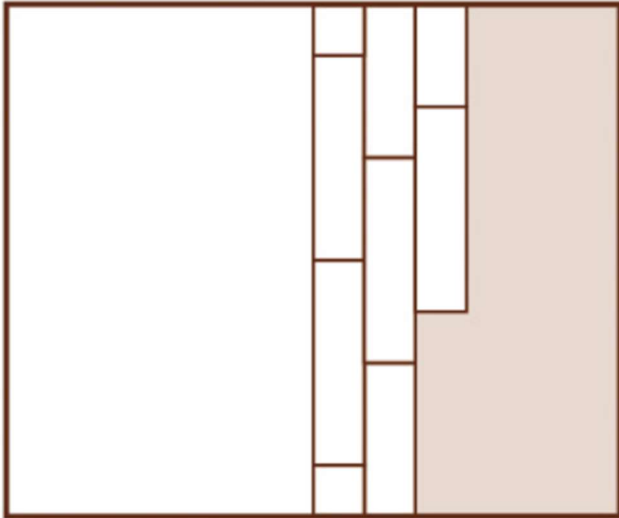
Note: The room temperature should be between 10°C and 35°C

- a) Choose a section of the floor and spread adhesive on all surface.
- b) Starting at the center point begin installation. Place the tiles as accurately as possible to avoid sliding them on the surface of the glue. Firmly press down on each tile to ensure that they are properly glued to the entire surface.
- c) Progressively install the tiles, one line at a time, until the section is complete. When beginning the second row, offset the piece so the seams do not meet up with the first row.
- d) If there is an excess of glue in the seams during installation, quickly clean the excess with a dry or damp cloth. If the glue is dry the use of a mineral spirit will most likely be needed.



## 5. COMPLETING THE INSTALLATION

a) For the next section of the floor, repeat steps 4 b), c) and d).



## 6. FINISHING

a) Clean excess glue with a dry or damp cloth. If the glue is dry, the use of mineral spirit will likely be necessary.

b) If you have a floor roller, roll over your tiles to ensure that the entire surface has come in contact with the glue.

c) DO NOT CLEAN OR ALLOW TRAFFIC FOR A MINIMUM OF 24 HOURS OR ACCORDING TO THE ADHESIVE MANUFACTURER'S INSTRUCTIONS.

