

## 1 - NOTES ON THE PRODUCT STORAGE

DoTile<sup>®</sup> Fit doesn't have particular storage contraindications.

Temperatures below 10°C can stiffen the rubber, making the product more difficult to handle and eventually to cut, during the installation phase.

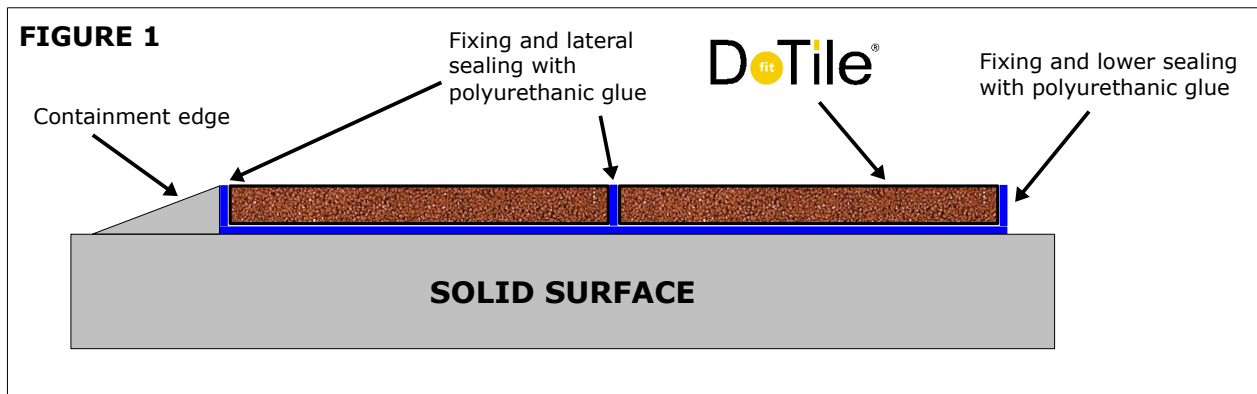
Avoid the installation and the bonding with temperatures below than 5°C.

Lay the tiles on the ground for at least 5 days before completing the installation.

## 2 – TOOLS AND MATERIALS REQUIRED

### 2.1 Tools

- Great professional cutter with spare blades.
- Metric rope or tape measure.
- Indelible marker pen.
- Chalk marker.
- Jigsaw with blade for wood.
- Knee-pads.
- Working gloves.
- Rubber mallet.



### 3 – SURFACE PREPARATION

#### 3.1 Criteria for assessing the solid surface

Thoroughly inspect the homogeneity of levels.

The surface must be mechanically resistant, free of loose material, without any roughness, free from grease, oil, paint, wax, etc. and sufficiently dry.

#### 3.2 Evaluation criteria for the choice of the adhesive

The type of glue, needed for application of DoTile® Fit, must ensure cohesion between the solid surface and the tile surface made of elastic rubber, it has also to ensure a perfect sealing of surfaces and must have the following characteristics:

- elasticity
- anti-mold

**Elasticity:** must allow the normal deformation, due to variations of environmental temperature or mechanical expansions, of the material with which it is composed DoTile®, ensuring the proper adhesion with the solid surface below.

**Anti-mold:** must not allow the proliferation of mold.

### 4 – SIZE CHECK AND PERPENDICULARITY

The tolerance on the dimensions of the DoTile® tiles is equal to +/- 1%. Further changes can be due to:

- Elastic compression of the tiles arranged in pallets.
- Thermal expansion due to external temperature.

To minimize the problem of variations in size, it is suggested to:

- Lay the tiles in a continuous manner avoiding interruptions that may increase the risk of different environmental conditions.
- Remove the product from the pallet and place it on the ground 24 hours before installation.
- Avoid laying with temperature below than 5°C.
- Complete the installation in a single continuous session avoiding long periods of interruption. This to guarantee constant ambient conditions.

### 5 – RECOMMENDED INSTALLATION OF DoTile® Fit TILES

#### 5.1 Drawing up of the adhesive

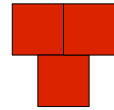
Is applied to the solid surface below using a notched trowel. Choose a trowel that will give a complete coverage of the back of the tiles. To obtain a good adhesion, first spread a thin layer of glue on the base using the smooth side of the trowel and, immediately after, apply the desired thickness of adhesive with the notched trowel, in relation to the type and size of the tiles. Spread the adhesive on the back of the tile to ensure complete coverage.

Depending on the reaction characteristics of the adhesive chosen, treat the surface according to the installation times of DoTile® Fit.

#### 5.2 Installation (fig. 1)

Lay the tiles as shown in figure, with the "T" installation method, in the manner set out in the previous chapter.

- Begin 1st row with an entire tile.
- Continue with the 2nd row, beginning it with a half tile.



This configuration makes the surface of the tiles cohesive, solid and facilitate the laying.

The tiles should be installed under a strong pressure to ensure the coverage of the adhesive.

Maintain a gap of approximately 3mm between the tile and tile, and fill it with adhesive to form the sealing that prevents the drainage of liquids below the surface.

To cut the tiles use a professional large size cutter or a jigsaw with a blade for wood.

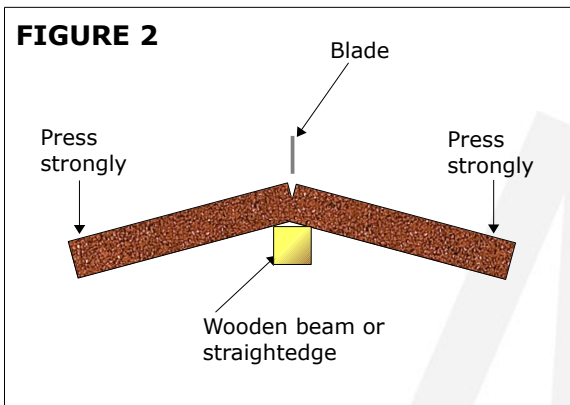
In case of circular edging, cut the tiles along the radius of curvature.

During the cut is recommended to bend the plate to the outside (fig. 2) to facilitate the passage of the blade decreasing the friction with the rubber. Wetting the cutter blade with water can facilitate its sliding.

After the bonding of the surface, protect the flooring with

taraulins, it doesn't have to be washed for at least 24 hours.

Even if the quality standards of DoTile® Fit are high, the color of the plates may not be perfectly homogeneous, since the material which composes them comes from recycling. If possible, it's recommended to take the material to lay from different pallets alternately.



### 5.3 Containment edge

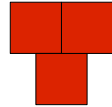
It is possible to install a wooden or steel edge along the perimeter, provided with a ramp to avoid the formation of steps.

## 6 – OTHER INSTALLATION METHODS

### 6.1 Installation without glue (fig.3)

Lay the tiles as shown in figure, with the "T" installation method, in the manner set out in chapter 4.

- Begin 1st row with an entire tile.
- Continue with the 2nd row, beginning it with a half tile.



This configuration makes the surface of the tiles cohesive, solid and facilitate the laying.

To cut the tiles use a jigsaw with a blade for wood.

In case of circular edging, cut the tiles along the radius of curvature.

Please note that physical variations, that depend from temperature and humidity of the installation area, can allow the creation of small gaps between the tiles. It is recommended to lay the tiles for an adaptation period of 5 days and than closing the gaps by hitting the perimetral tiles laterally with a rubber mallet, in order to regroup them correctly.

### 6.2 Installation with double-sided tape

To avoid the bonding with glue it is possible also to fix the tiles to the ground using a specific double-sided tape, it is recommended to fix 2 stripes along all perimetral tiles to obtain a good fixing. For the central area apply a stripe of double-sided tape every 3mt in each side.

**FIGURE 3**



## 7 – MAINTENANCE OF THE LAID SURFACE

DoTile® Fit doesn't require special maintenance measures, both materials and adhesives used for the construction of the tiles, are stable over time. Additionally, the rubber used, is resistant to mold and bacteria.

It is possible to wash the surface with normal detergents for floorings or products for sanitizing, but cleaning it with hot water and soap is the best way to wash away any grease or oily substances.

The most common clening methids for this surface are:

- Broom or vacuum cleaner.
- Damp cotton cloth.
- Floor cleaning machine.
- Mop.

## 8 – REACTION TO CHEMICAL AGENTS

There have been carried some internal tests to verify the behavior of the material in the event of contact with chemical agents.

Those tests haven't found any abnormal reaction, of the surfaces and the material.

## 9 – RESPONSIBILITY

The installation guidelines presented in this document represent a typical case and must be accompanied by the general rules of execution of flooring installation works. It is recommended the use of specialized personnel for an optimal performance of the installation work.

Metem doesn't ensure any installation of its products and, in particular, it disclaims any liability for any damage or injury resulting directly or indirectly from improper or inadequate installation.