

Ntgrate TILES

FITTING INSTRUCTIONS

Dear customer,

Ntgrate thanks you for choosing our product. The instructions below will help you to realize a beautiful and durable floor. In addition to the instructions described below Ntgrate wants to emphasize the following 2 very important issues :

- The Ntgrate tiles must be brought in the installation area, at least 48 hours before for the installation and have the time to adjust to the temperature of the space of the subsequent use that lies between 18 ° C and 23 ° C.
- The Ntgrate tiles should be installed as LAST component of the furnishing and covered until just prior to use to avoid any soiling and damage..

General.

The installation of Ntgrate Tiles must be performed by a professional who has experience with flat woven vinyl floor covering. Ntgrate Tiles are the most appropriate flooring for raised floors. Ntgrate tiles should NEVER be installed on top an old textile floor covering.

Sub-Floor

An appropriate preparation is essential. The floor must be absolutely clean, free of cracks, dust-and grease-free, pressure-resistant and durable dry. A perfect leveling is necessary for a good and lasting result. The procedure is as follows in a :

- New construction
 - Check the moisture content of the screed. This has to be <2%, in case of sand cement screed. If this is not the case, the installation has to be postponed.
 - Treat the surface with an primer.
 - Then apply a self-leveling compound, at least 24 hours, prior to the installation. After drying it must be sanded and vacuumed. Thorough sanding is necessary for an optically perfect result. Thorough vacuuming is necessary for proper adhesion of the glue to the levelling.
- Renovation project
 - All remnants of the previous floor covering should be carefully removed by grinding and vacuuming.
 - Where necessary, cracks and fissures should be filled before the floor is treated with a bi-component primer. are before the substrate with an adhesive layer bi-component is treated. Carefully recovered
 - Check the sub floor on possible rising moisture and, if necessary, apply a vapor barrier.
 - Then apply a self-leveling compound, at least 24 hours, prior to the installation. After drying it must be sanded and vacuumed. Thorough sanding is necessary for an optically perfect result. Thorough vacuuming is necessary for proper adhesion of the glue to the levelling. Thorough sanding is necessary for an optically perfect result. Thorough vacuuming is necessary for proper adhesion of the glue to the levelled surface.

Installing Ntgrate Tiles

Storage

The tiles must be kept in the original packaging and on the original palette until the time of installation. If this is not possible the boxes can be stored on a flat bottom, in straight piles, max 8 high. Transport is done preferably with a forklift or pallet truck .

Two pallets should never be stacked on top of each other, in order to prevent damage.

Make sure that the reference is consistent with the order and check for identical batch numbers (BATCH No). Only identical lot numbers can be installed in one room . (see BATCH NO on the label of each box) .

If you doubt on anything, please consult your contact at Ntgrate before starting the installation.

Indoor climate

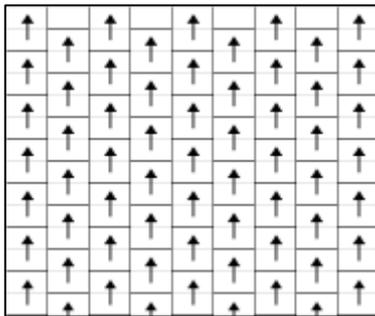
Installation can only be started if the following conditions are met : a soil temperature of at least 15 °C (60°F) , a temperature between 18 °C (65°F) and 23 °C (77°F) and a relative humidity not higher than 75 % .

Installation Patterns for Ntgrate Tiles

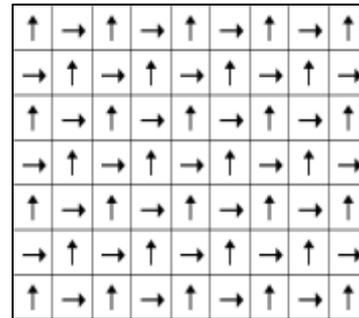
On the back of each tile, next to a letter A, B, C or D is also an arrow printed, indicating the direction of production. This arrow is a guide for the installation.

Among the various possibilities, we recommend the following two patterns:

- ENGLISH PATTERN or ASHLAR. This is a half-brick in the direction of arrow. Hereby, the tiles are installed in one direction, in which the head seams of the second row are shifted by 25 cm compared to head seams of the first row.
- CHERCKERBOARD. In this pattern, the production direction of the tiles, indicated by the arrow on the back, is alternately rotated by 90 ° . See drawings below.



Ashlar



Checkerboard

Control

Check each tile for visual defects prior to installing or cutting.

Adhesive application

Due to their high dimensional stability Ntgrate tiles should not be permanently glued, but they only need be fixed. Use our Ntgrate Tile glue, which has, after drying, a permanent low tack. This light colored glue is to be applied sparingly with a maximum of 80 g / m² or 0.26 oz/sq ft. The adhesive must be dry (= TRANSPARENT) are, before the installation can start. Laying in a wet glue will result in an undesirable permanent bonding. A well-made anti-slip allows easy lifting and repositioning of the tiles.

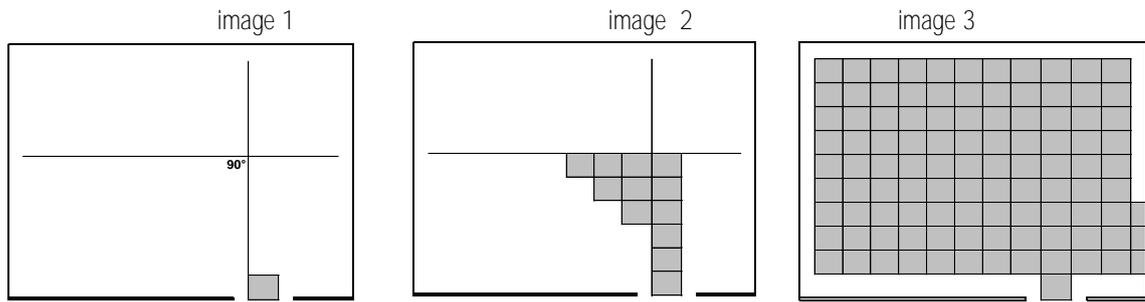
Installation

Do not mix different batch numbers in the same room. Only tiles with the same batch number will guarantee total uniformity, both in colour and in aspect. Therefore, install the tiles in an order with:

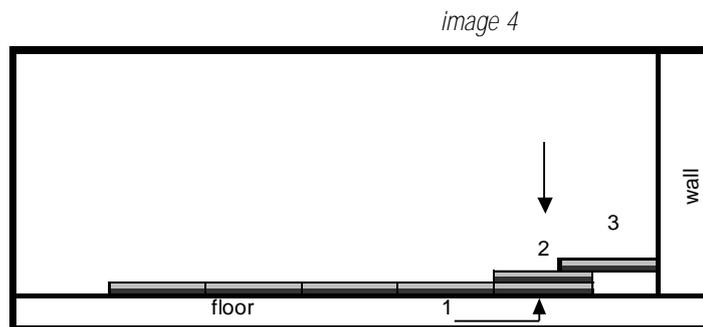
- Ascending 'SERIAL Nr.' (See label on each box)
- and within one 'SERIAL Nr.' with ascending 'BOX Nr.' (See label on each box)

Fitting method

- Start the installation by laying one tile in a doorway on the parting of the rooms. Draw a line parallel to the wall starting from this tile.
- Draw a second line, at a distance of a few tiles, at right angles to the first line. (image 1).
- Apply the peel up adhesive, leave it to dry completely and start again from the doorway. (image 2).
- Work from the installed tiles. Slide the next each tile firmly into the angle formed by the already placed tiles. Finish one segment before starting with the following. (image 3).



- Finish by installing the perimeter cuts (*image 4*) :



- put the border tile to be cut (2) on the tile which is fitted last (1).
- push a tile against the wall (3).
- cut the border tile (2) along tile (3).
- install the border tile (2) cut to measure.

Attention: Some white fibres may appear at the seams. These will spontaneously break off during use.

Important points:

- When using castor chairs, which have to be fitted with hard wheels, it is best to protect the floor covering by a plastic sheet..
- Contact rubber materials (e.g. tires, floor mats,) should be avoided. Prolonged contact will stain Ntgrate irreparably . In such situations, the rubber is replaced with another plastic or a protection is applied.
- **Ntgrate** tiles are not suitable for outdoor applications.
- **Ntgrate** tiles are suitable for underfloor heating.
- It is absolutely necessary to cover the floor covering immediately after installation in order to avoid prevent damage, especially if there are subsequent work done by third parties.

Do not hesitate to appeal to your contact person for Ntgrate, who will answer your questions and provide the necessary technical support.

THE WARRANTY BY Ntgrate FOR PARTIAL OR FULL REFUND OR REPLACEMENT OF A COMPLAINT IS VOID IF THE ABOVE INSTALLATION INSTRUCTIONS WERE NOT STRICTLY FOLLOWED.