

## Ntgrate Rolls

### 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 Rolls 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 Rolls 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 Rolls must be performed by a professional who has experience with flat woven vinyl floor covering. Ntgrate Rolls should NEVER be installed on top an old 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 Rolls

### Storage of the rolls

Keep the rolls on a flat surface to avoid damage. Do not place heavy objects on the rolls .  
Verify that the reference product is identical with the order and check for identical batch numbers (BATCH No ) .

### Installation

Do not mix different lot numbers in one room . Only rolls with the same lot number may be processed to ensure complete uniformity in color and aspect together (see BATCH NO indicated on each roll label) .

The sub-rolls must be installed in a sequence with :

- ascending serial number (see " SERIAL Nr ." )
- and within a serial number with ascending sub roll no (see " SERIAL-SUB ROLL Nr ." Indicated on the label roll ) .

All rolls have to be installed in the same direction, look at the arrow on the back of the carpet;  
If you are unsure of anything, please speak to your contact person at Ntgrate before starting the installation.

### Visual inspection

Check each roll for visual defects prior to installing. Visible faults have to reported before cutting or installing the roll.

### 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 % .

### Seams

Limit the number of seams to a minimum. In intense traffic areas, the direction of production, gas to be installed in the direction of the highest traffic. Do not install seams near the entrance. Avoid head seams if this cannot be prevented use transition profiles. Ntgrate is woven with yarn of which the core is made out of a white glass fiber. During the cutting of the seams, these fibers are sometimes up. these fibers will break and disappear automatically in use. You speed this up by rubbing with a damp cloth.

If a watertight installation is desired, the seams can be cold-welded, by using the Werner Muller type A product or an equivalent.

#### Seam confection

All designs in the collection are all-over designs that can be double cut. The blade of the knife should be very sharp and regularly changed. See pictures below.



## Adhesive application

The supplied Ntgrate is an aqueous dispersion adhesive with very low emissions. The Ntgrate Permanent Glue Rolls is a wet-bed adhesive and is not allowed to pre-dry. The Ntgrate carpet must be laid in within 10' to 15' after its application to the floor. Attention, if the glue has dried too long before the carpet was laid in, a good adhesion is not guaranteed. This can result, in the medium term, to open seams and premature wear. Approximately 350 g / m<sup>2</sup> of adhesive is applied. This is done with a trowel TBK A2. A toothed A2 bar is included with every bucket of Ntgrate Permanent Glue Rolls that is supplied.

Other adhesives may cause a plasticizer migration. This may, in the medium term, result in opening seams. These complaints are not covered by our warranty.

## Installing

Fold back the two lanes in length, over about half of their width back. Draw a straight line, on both sides, as a starting point for the application of the adhesive. Lay the flooring into the wet adhesive and rub it with a beam of cork, from the middle of the lane, at an angle of 45 °, to the side; to remove all air bubbles. Take care for perfectly flat seams. See pictures below.



The installation may only be **used 24 hours after installation**, this assures that the adhesive has hardened sufficiently. Wet cleaning is allowed 72 hours after installation.

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

## Important points:

- Sharp objects can damage **Ntgrate** irreparably. Avoid this using appropriate protection of the floor and be sure not to use them for removal of stains.
- Always protect the floor when moving furniture. Lift the furniture or use Teflon pads.
- When using castor chairs, it is best to protect the floor covering by a plastic sheet. The castor chairs must always be fitted with hard wheels, with a minimum diameter of 50 mm and a width of at least 20mm.
- 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.
- Always use epoxy or comparable waterproof adhesives if Ntgrate Rolls are installed outdoor.
- Ntgrate Rolls 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 question your contact person for Ntgrate, he will answer your questions and provide you 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.