**Installation instruction**

**AT-Neoo 1000 Tile**

# OBJECT CARPET

## Productinformation Loop structured

AT Loop Structured - Our unique two-tone high/low loop presents an individual tile pattern that intentionally deviates from conventional carpet rolls. In lighter color variations, this visual diversity can vary, underscoring the uniqueness of each tile. Installation Information: Please note that the visual diversity when combining the tiles has no impact on the product quality, but rather is a characteristic feature of the tile. By selectively choosing individual tiles, you effortlessly create a harmonious overall image. Perfect craftsmanship and appealing design for creative space arrangement.

## Inspection requirement

Before installation, the goods must be inspected for quantity, color discrepancies, and freedom from defects. After cutting or installing the delivered goods, any complaints regarding visible defects are excluded. Slight color variations are permissible within the scope of DIN EN 20105-A02.

## Preparation / Storage

Please note that the AT Acoustic Tiles should be installed within a self-contained room unit, with batches and directions being consistent, except for certain pattern installations. The batch number, quality, and color information are indicated on each carton. The production direction is marked on the back of the tiles with an arrow.

## Processing temperatures/air conditioning

The minimum requirements for the indoor climate must be observed before, during and after installation. The room temperature must be at least 18 °C (64 °F) with a relative humidity of maximum 65%. The surface temperature of the substrate to be covered must not fall below 15 °C (59 °F). The goods to be processed must be acclimatised prior to installation.

## substrates to be covered

Please note in advance that the subfloor must be prepared according to ATV/DIN 18365 VOB Part C "Flooring Work," complying with the requirements of DIN 18202 (flatness tolerances), and following the specific installation recommendations of material suppliers. The surfaces to be covered must be dry, firm, even, dust-free, and free from cracks and release agents. They should meet the applicable building standards and regulations while adhering to industry best practices.

For the subfloor to be ready for installation, the moisture content should be 2.0 CM-% for cement screeds and 0.5 CM-% for calcium sulfate screeds. Please ensure that any existing residues of old flooring are completely removed. The respective properly prepared subfloors should be treated with suitable primers or sealers and then filled with an appropriate leveling compound to a minimum thickness of 2 mm.

## Installation line / Room layout

The room layout for installing the AT Acoustic Tiles is determined parallel to the main wall, starting from the door, using a string line or laser. The installation line should be arranged in a way that ensures the edge tile is at least 15 cm in width to ensure sufficient locking.

When determining the installation direction, the direction of light has an impact on shading and the visibility of the joints. It is recommended to try out whether the running direction should be towards or away from the window, depending on the desired effect.

## Suitable adhesives

In principle, the AT Acoustic Tiles are always fixed to prevent them from slipping, so as to guarantee stability as well as the agreed properties. For this purpose, adhesives that can tack long-term are used for laying dimensionally stable tiles with a textile backing. **(Do not use universal tackifier)**

| **Producer** | **Fixation **** |
|---|---|
| Thomsit<br>www.thomsit.de | K 145 |
| Kiesel Bauchemie GmbH<br>www.kiesel.com | Okatmos® Star 150 plus |
| Uzin Utz AG<br>www.uzin.de | Uzin U 2100 |
| Wulff GmbH & Co. KG<br>www.wulff-gmbh.de | HV 9, HL 1 |
| Mapei GmbH<br>www.mapei.com | Ultrabond Eco Fix |

** suitable for qualities with Welltex® Akustik back*
*** suitable for qualities with Welltex® Akustik Plus back*

Important:

The adhesive applied to the surface to be covered must be completely dry before laying, in order to avoid bonding. We need a minimum of 120 g/m² fixation. This would prevent the OBJECT CARPET AT Acoustic Tiles being re-laid later.

When applying the adhesive to raised floor systems, ensure that it does not get between raised floor panels. This can make it difficult to take out the raised access floor panels later; the panel joints may need to be taped off. The installation of raised floor systems is always offset with the edges to the raised floor panels. This ensures optimal coverage.

## Fitting on Double Floor

In case the tiles are intended for installation on a double floor, they must be fully fixed. The tile edges must be set back relative to the double-floor panels upon installation. In so doing, you will get the best covering possible - and no dust joints.

## Installation

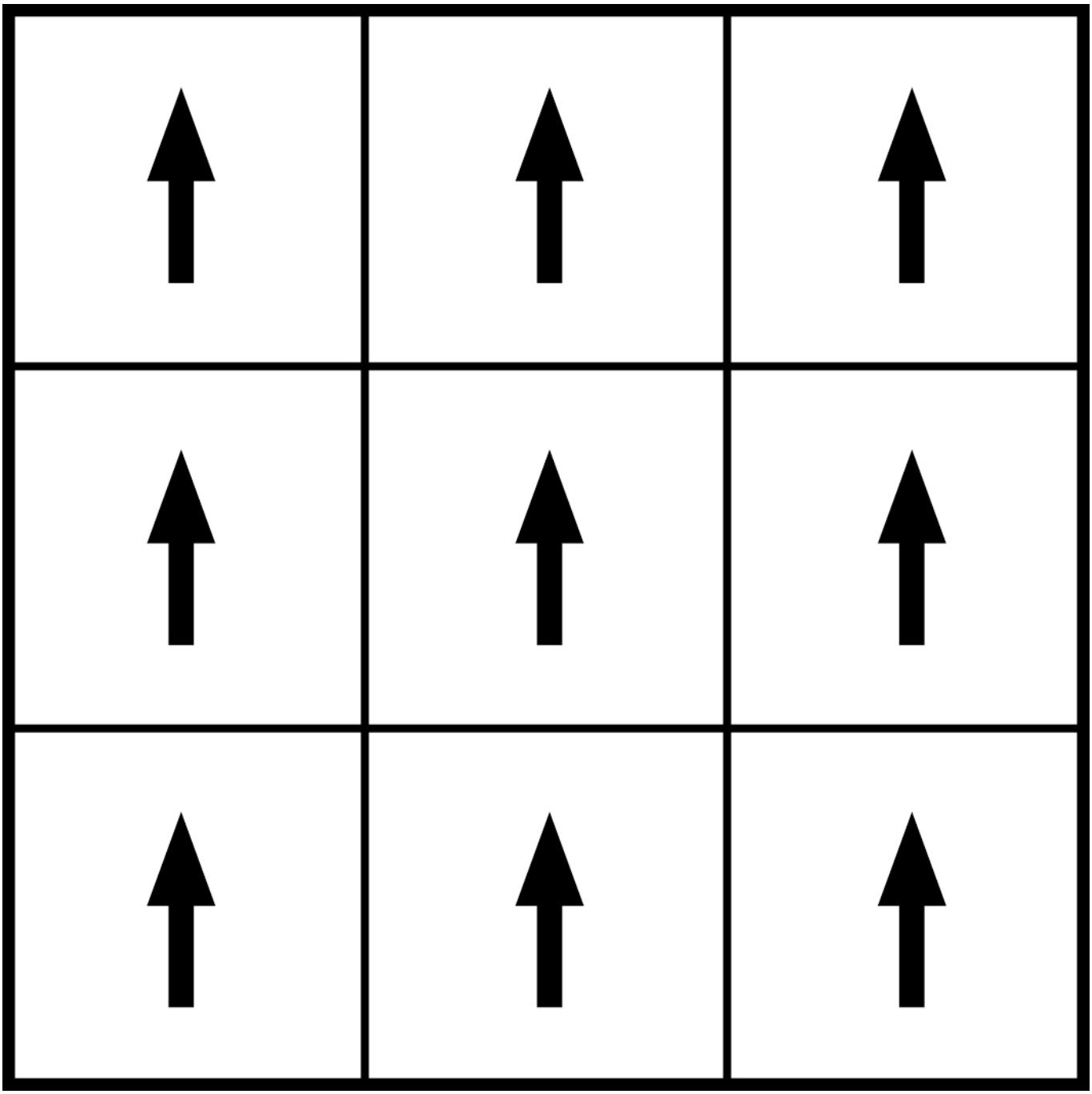
The installation starts from the door, following the previously determined string line parallel to the main wall, on the fully and thoroughly dried slip-resistant surface. AT Acoustic Tiles are laid in a row until approximately the center of the room. The next tiles are then placed in a step-like manner, ensuring tight joints. During installation, care must be taken to avoid bending or trapping the overhanging pile tuft when placing the next AT Acoustic Tile to achieve a seamless surface without pile clumping. The tiles should be placed as close together as possible. Run your finger along the tile edges frequently to check for flush alignment and make adjustments if needed.

For edge tiles that require cutting, always position the cut edge towards the wall. Place the tile to be cut in line with the last laid tile. Then, place another tile adjacent to the wall. Cut the underlying tile along the edge of the upper tile using a knife guided along a ruler.

In transition areas, electrical outlets, access openings, and circular cuts, the cut edges of loop pile coverings should be reinforced with a suitable seam edge sealer, such as Müller cold welding adhesive, to prevent individual pile tufts from coming loose. When abutting against dividing strips, the height of AT Acoustic Tiles must be equal to or lower than that of the strip. If the tiles are higher, damage to the carpet may occur.

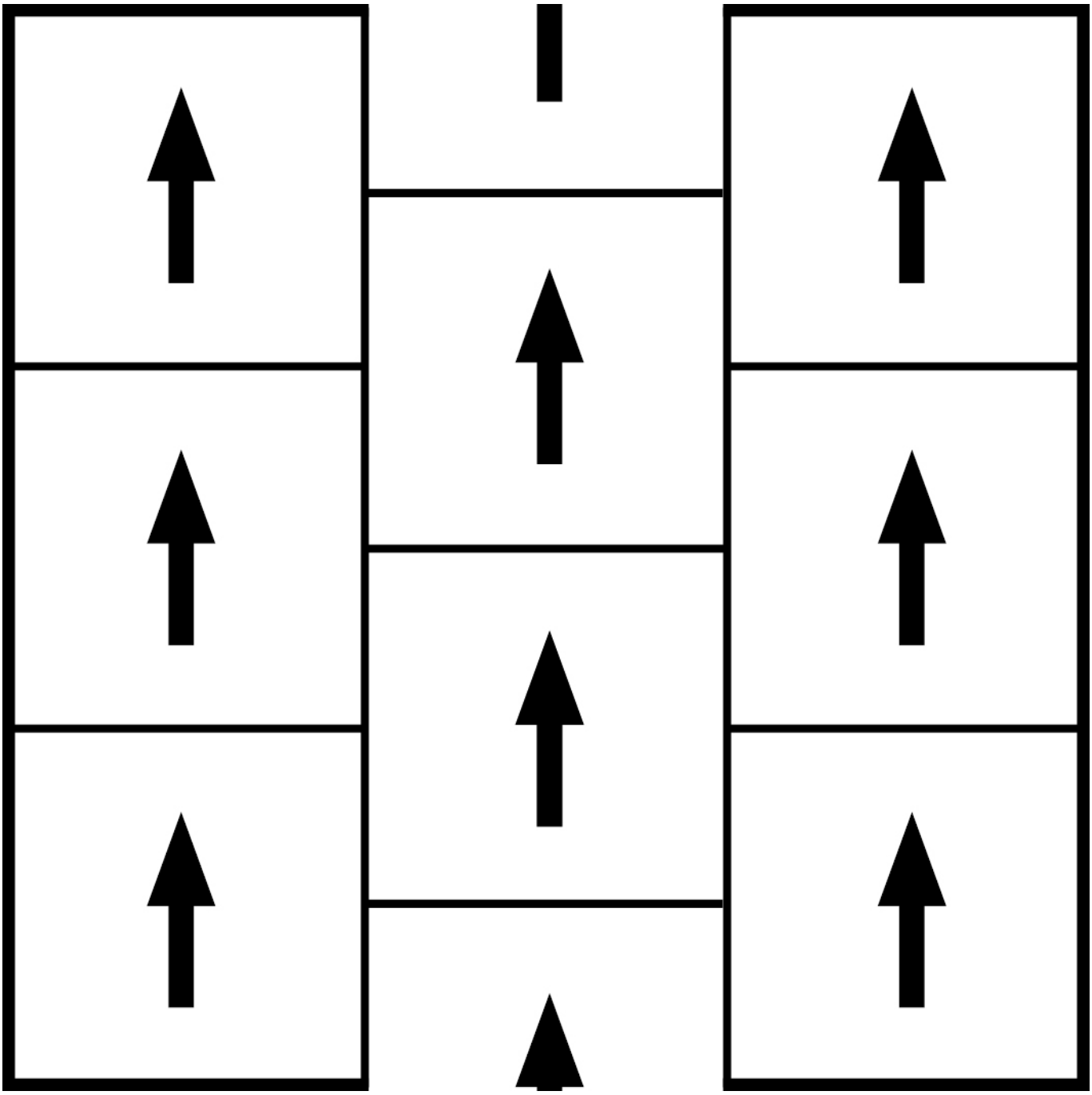
## Installation variants for AT Acoustic Tiles

With few exceptions, the following installation variants are possible:



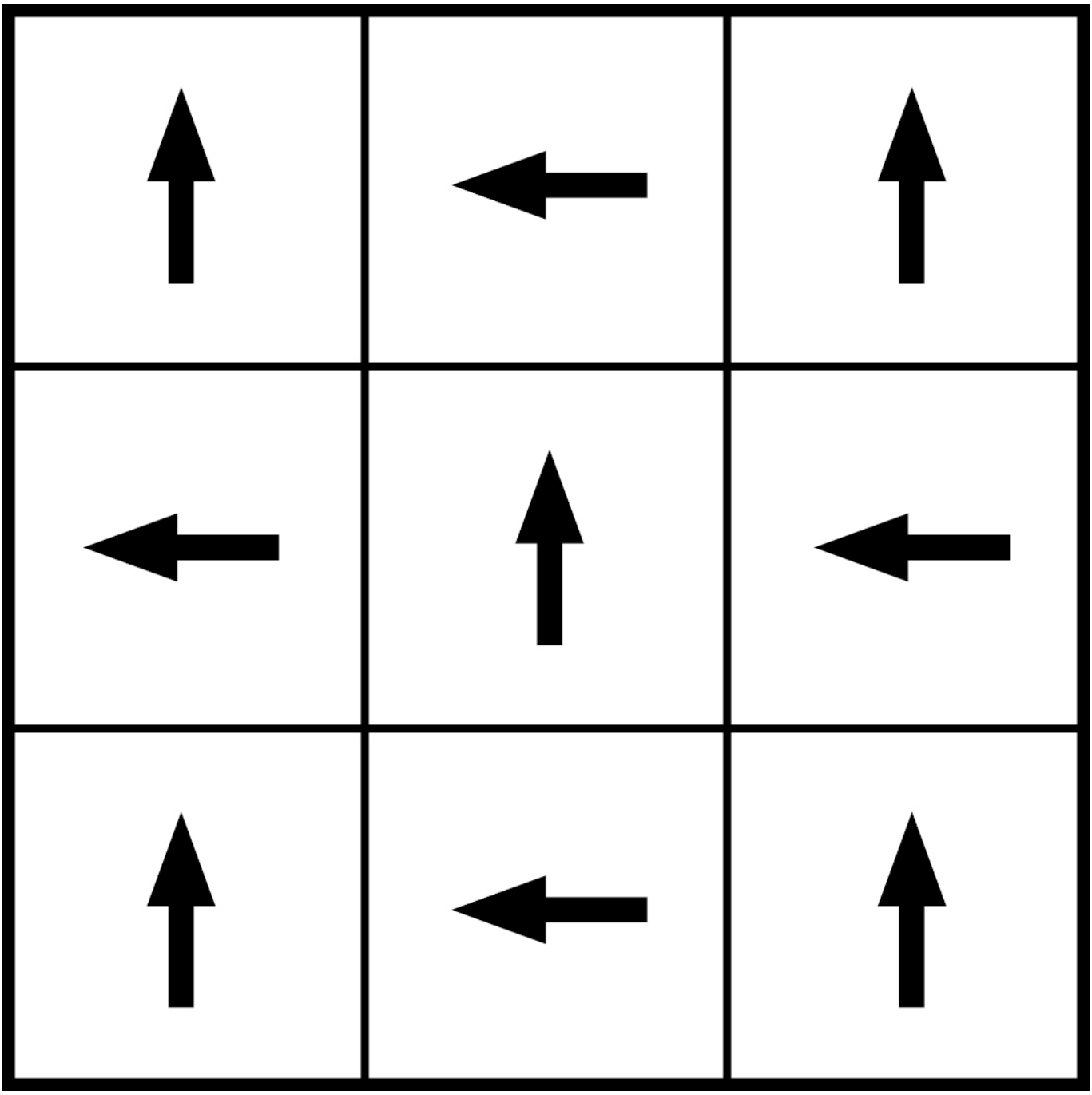
**Parallel laying (in one direction)**

**Cross-joint laying (perpendicular to each other)**



In this case, the tiles are installed in the same running direction but with a cross-joint pattern.

**English bond / Half staggered pattern.**



The tiles are laid with a half offset, following the same direction as the other row. This method eliminates cross joints.

**Checkered pattern installation.**

In this method, the tiles are arranged by rotating each one by 90 degrees. The different light refraction creates a checkered pattern effect.

Note:

A carpet tile consists of several individual elements that form a cohesive surface after installation. Upon close inspection, the individual elements/tiles may be visible, especially immediately after installation. The final surface appearance will be achieved after a few days of use, once the pile has settled and regained its original form. The time frame for this process depends on the room's climate conditions and daily usage.

## Fussbodenheizung

Die AT Akustik Tiles sind in ihrer Konstruktion so gewählt, dass der Einsatz auf Fußbodenheizung gewährleistet ist. Als allgemein gültiger Grenzwert wird von den unterschiedlichen Heizungsherstellern 0,15 K*m²/W angegeben

## Conductive installation

In IT data centers and rooms with specific requirements, a conductive installation is often required. The AT Acoustic Tiles are equipped with permanently conductive fiber material and can, therefore, be installed exclusively in a conductive manner.

## General remark

The above information, especially suggestions for the processing and use of our products, are based on our knowledge and experience. Liability can neither be based on this information nor on oral advice. We reserve the right to make changes in line with technical progress.