

■ ■ Installation instruction
■ ■ AT-FORUM Velours Tile

OBJECT CARPET

Inspection requirement

Pre-Installation Checks Inspection Requirements: Before installation, check the material for quantity, color consistency, and any defects. Post-Cutting/Installation: Claims for visible defects cannot be made after cutting or installation of the delivered material. Color Variations: Minor color differences are permissible within the scope of DIN 18365 (VOB).

Installation line / Room layout

The room layout for installing AT Acoustic Tiles is determined from the door parallel to the main wall using a chalk line or laser. The installation line should be arranged so that the edge tile is at least 15 cm wide, as smaller tiles may not be adequately secured. Determining Installation Direction:

The direction of installation is influenced by the light source, affecting shading and the visibility of seams. It is recommended to test whether the direction should run towards or away from the window to achieve the desired visual effect.

Processing temperatures/air conditioning

Minimum Climate Requirements for Installation Room Temperature: Must be at least 18°C with a relative humidity of up to 65%. Surface Temperature: The temperature of the subfloor must not fall below 15°C. Acclimatization: The material to be processed should be acclimated to the room temperature before installation. Ensure that these conditions are met before, during, and after the installation to achieve optimal results.

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)**

Manufacturer	Tackifier* / **
Thomsit www.thomsit.de	K 145
Kiesel Bauchemie GmbH www.kiesel.com	Okatmos® Star150 plus
Uzin Utz AG www.uzin.de	Uzin U 2100 / U 2500
Wulff GmbH & Co. KG www.wulff-gmbh.de	HV 9, HL 1
Mapei GmbH www.mapei.com	Ultrabond Eco Fix
Ardex GmbH www.ardex.de	Ardex AF 185
Bostik www.bostik.com	Bostik Fix A 955 Vario / Fix A995 Vlies
Wakol GmbH www.wakol.com	Wakol D 3110 Modulbelagfixierung

* suitable for qualities with Welltex® Akustik back Welltex® Circular Acoustic

** suitable for qualities with Welltex® Akustik Plus back

Important:

AT Acoustic Tiles Installation Guidelines Tile Fixation: AT Acoustic Tiles must always be fixed against slipping to ensure durability and the promised properties. For this purpose, permanently tacky adhesives are used for installing dimensionally stable tiles with textile backing. Adhesive Application: The adhesive applied to the surfaces should have a coverage of approximately 120 g/m² and must be completely dry before installation to avoid adhesion. Failure to do so could prevent later removal of the OBJECT CARPET AT Acoustic Tiles. Absorbent Substrates: For absorbent surfaces, priming of the area is required before applying the adhesive. Double-Height Floors: When applying adhesive on raised flooring systems, care must be taken to prevent adhesive from seeping between the raised floor panels. This could make future removal of the panels more difficult. It may be necessary to tape the panel joints with masking tape. Installation on raised flooring systems should be staggered relative to the panels to ensure optimal coverage. Re-adhesion: If the AT Acoustic Tiles are removed and reinstalled, it may be necessary to renew the fixation.

Installation Guide on our collection FORUM

The unique design principle of the Forum collection allows for tiles to be laid freely, without matching patterns or aligned connections. This creative feature ensures that each floor is unique and constantly evolving. Key Installation Instructions: Tile Placement: To achieve a harmonious floor design, avoid placing two identical tiles next to each other. During installation, ensure a good mix of designs to prevent matching transitions between adjacent tiles. Direction of Installation: Tiles must always be installed in one consistent direction. Installation Pattern: The installation of Forum tiles should follow a cross-seam pattern.

Surface Appearance

When installing, ensure that the protruding pile edge of the AT Acoustic Tiles does not bend or get trapped when placing the next tile. This is crucial to achieve a seamless surface appearance. Best Practice: Install the tiles so that the pile direction faces towards the installer. This helps prevent the pile from bending and ensures a smooth, continuous surface.

Carpet tiles consist of multiple individual elements that form a continuous surface after installation. Upon close inspection, especially immediately after installation, the individual tiles may be visible. The final surface appearance will settle after a few days of use, as the pile material rises and retains its loft. The time required for this process depends on the room's climatic conditions and daily usage.

Parallel position or cross joint

The tiles are laid in the same running direction with the cross joint.

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.

Floor Heating

The construction of AT Acoustic Tiles is designed to be compatible with underfloor heating systems.

Castors for swivel chairs

Hard chair castors for textile flooring, soft chair castors for non-textile floor coverings. The use of inappropriate castors may result in destruction of the floor covering. Please note that the supplier has no influence on this fact.

Conductive installation

In data centers and rooms with special requirements, a conductive installation is often necessary. The AT Acoustic Tiles are equipped with permanently conductive fiber material and can therefore be installed to ensure conductivity. Installation Steps for Conductive Flooring: Copper Tape: Apply copper tape to the subfloor: Conductive Installation In data centers and rooms with special requirements, a conductive installation is often necessary. The AT Acoustic Tiles are equipped with permanently conductive fiber material and can therefore be installed to ensure conductivity. Installation Steps for Conductive Flooring: Copper Tape: Apply copper tape to the subfloor every two rows of tiles. Ensure the tape ends are connected to form a loop. Potential Equalization: Every 30 m², establish a potential equalization using the existing electrical installation. Conductive Fixation: Install the tiles on the prepared subfloor using a conductive adhesive in every two rows of tiles. Ensure the tape ends are connected to form a loop. Potential Equalization: Every 30 m², establish a potential equalization using the existing electrical installation. Conductive Fixation: Install the tiles on the prepared subfloor using a conductive adhesive.