Installation instruction

AT-Poodle 1400 Tile

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OBJECT CARPET

Product information AT Velours

Product Information: AT CONTRACT - The carpet presents itself with a velour construction, featuring a shimmering surface of elegant appearance. The choice of color has a decisive impact on the visibility of the tiles as well as the maintenance effort. The lighter the color choice, the more delicate it can be. Installation Information: Great attention is placed on laying the tiles in a harmonious alignment, thus creating a coherent overall image. At the same time, care is taken not to trap the pile - that is, the yarn ends - at the seams, in order to preserve both the aesthetic quality and the lasting functionality of the 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).

Preparation/storage

The AT Acoustic Tiles must be acclimated in the installation rooms for 24 hours prior to installation. The room climate requirements must be maintained before, during, and after installation. Room Temperature: Should not drop below 18°C. Temperatures above 26°C require special measures such as ventilation, shading, air conditioning, etc. Relative Humidity should be between 40% and 65%. Surface Temperature of the Subfloor must not drop below 15°C. Storage: When stored, a maximum of 10 cartons should be stacked on top of each other.

Installation Guidelines: The AT Acoustic Tiles must be installed within a single, enclosed room unit, matching batch and direction, except for specific pattern installations. Each carton is marked with the batch number, quality, and color information. The production direction is indicated on the back of the tiles by an arrow.

Substrates to be covered

Subfloor Requirements for AT Acoustic Tiles Before installation, ensure that the subfloor is prepared according to ATV/DIN 18365 VOB Part C "Flooring Work" and meets the requirements of DIN 18202 (flatness tolerances) as well as the specific construction recommendations of the material suppliers. Subfloor Conditions: The surfaces to be covered must be dry, firm, level, dust-free, and free from cracks and separating agents. They must comply with applicable building standards and regulations while adhering to the rules of the trade. For readiness of the subfloor, moisture content should be: 2.0 CM-% for cement screeds. 0.5 CM-% for calcium sulfate screeds.

Any existing remnants of old coverings should be completely removed. Subfloor Treatment: Properly prepared subfloors should be pretreated with suitable primers and then leveled with an appropriate leveling compound to a minimum thickness of 2 mm.

For initial installation on new smooth anhydrite or calcium sulfate screeds, a cleaning grind, vacuuming, and priming of the surfaces before applying the fixative should suffice. Patching is only necessary for unevenness.

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, Fixiergel
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*
*** 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 - 160 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

Begin the installation from the door using the previously determined chalk line or laser, parallel to the main wall, on the fully applied and dried permanent tack adhesive. Tile Layout: Install the OBJECT CARPET AT Acoustic Tiles in a row up to approximately the center of the room. The next tiles in this row should be staggered and edge-to-edge. Edge Handling: Ensure that the overhanging edge of the tile does not bend or get trapped when placing the next tile, to avoid gaps and maintain a seamless surface appearance. Tile Alignment: Place the AT Acoustic Tiles as close to each other as possible. Regularly run your finger along the tile edges to check for alignment and address any issues promptly. Cutting and Placing Edge Tiles: Edge Tile Placement: The cut edge of edge tiles should always be placed against the wall. Cutting Process: Place the tile to be cut edge-aligned on top of the last laid tile. Then, position a second tile so that it touches the wall. Cut the bottom tile along the edge of the top tile with a knife.

For transition areas, electrical outlets, access openings, and curved cuts, it is generally recommended to seal the cut edges of loop pile carpets with an appropriate seam edge stabilizer, such as Müller Cold Welding Agent, to prevent the tufts from breaking out. For Working with Transition Strips: Height Compatibility: When working around transition strips, the AT tile should be no higher than the strip itself. If the AT tile is higher, it may result in damage to the carpet.

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.

Final Information

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Characteristic features EN 1307

Name of article	**AT Poodle 1400**	Secondary backing ISO 2424	Welltex® Acoustic
Method of production ISO 2424	Tufted	Electrostatic loading ISO 6356	< 2 KV
Width ISO 3018	ca. 50x50	Surface resistivity ISO 10965 ROT	$10^9\ \Omega$
Surface structure ISO 2424	Shag	Transparency to heat ISO 8302	0,09 K*m² /W
Colourways	Uni	Light fastness ISO 105-B02	≥ 5
Pile material ISO 2424	100% PA 6.6	Water fastness EN ISO 105 E01	≥ 4
Primary backing ISO 2424	PES	Friction fastness EN ISO 105-X12	≥ 3-4
Overall weight ISO 8543	ca. 3050 g/m²	Stitch rate ISO 1763	ca. 51.000/m²
Overall thickness ISO 1765	ca. 11,5 mm		
Pile service weight	ca. 1400 g/m²		

CE

EN 14041 | DOP: 1060-OC-3497
CPR: 1658-CPR-3497 | NB: 1658

Health-promoting properties AIR

- Free from PVC and bitumen.
- Free from formaldehyde.
- Reduction of fine dust in the breathing air.
- Free from harmful emissions and odors.
- TVOC limits are immediately met.
- Suitable for allergy sufferers

HEALTH

70 710 3720-8

Health-promoting ACOUSTIC properties

- High acoustic effectiveness as standard
- Improved impact sound insulation +31dB
  Enhanced room acoustics +0.4α_w
Hz	125	250	500	1000	2000	4000
α_s	0,05	0,10	0,40	0,50	0,50	0,65
- Increased employee concentration and motivation through enhanced well-being

Environmental properties

98547C8F
PRODIS-ID | product pass

- Completely recyclable
- Recycled primary backing
- 100% recycled secondary backing
- Weight reduction of up to 50%
- Easy cleaning with water only

Made in Europe (production according to EU standard)

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Installation Instructions

Great attention is placed on laying the tiles in a harmonious alignment, thus creating a coherent overall image. At the same time, care is taken not to trap the pile - that is, the yarn ends - at the seams, in order to preserve both the aesthetic quality and the lasting functionality of the carpet.

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