Installation instruction

AT-Concept Two Tile

OBJECT CARPET

Inspection requirement

Before laying, check the goods for quantity, colour loss and ensure they are free from defects. Once the installation has started and the delivered goods have been cut, a complaint about obvious defects is excluded.

Preparation/storage

In the case of interim storage, boxes should not be stacked more than 10 high. once the inspection has been carried out, the AT Acoustic Tiles to be laid should be brought to the relevant rooms and unpacked 24 hours before processing, in order to acclimatise them. The room temperature should be at least

18°C (64 °F) and the relative humidity 65% at most.

AT Acoustic Tiles within a self-contained room unit must be laid in batches and in the same direction, with the exception of certain patterns. The batch number, information on quality and colour are noted on each box. the direction of the stroke is marked with an arrow on the back of the tiles.

Substrates to be covered

Please note in advance that the substrate is prepared according to ATV/DIN 18365 VOB Part C "Floor covering work", the requirements of DIN 18202 (evenness tolerances) and the respective construction recommendations of the material suppliers. The surfaces to be covered must be dry, firm, level, free of dust and free of cracks and separating agents. They must comply with the applicable building standards and regulations while observing the rules of the trade. In preparation of covering the substrate, the humidity should be 2.0 CM-% for cement screeds and 0.5 CM-% for calcium sulphate screeds.

Please completely remove any possible remaining old coatings. The properly and professionally prepared substrates must be pre-treated with suitable pre-coats/primers and then levelled out with a suitable filler at least 2mm thick.

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.

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 www.thomsit.de	T 425
Kiesel Bauchemie GmbH www.kiesel.com	Okatmos® Star 150 plus
Uzin Utz AG www.uzin.de	Uzin U 2100
Wulff GmbH & Co. KG www.wulff-gmbh.de	HV 9, HL 1
Mapei GmbH www.mapei.com	Ultrabond Eco Fix Ultrabond Eco Tack TX+

** 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.

Laying

Using a chalk line or laser, determine a laying line starting from the doors of the respetive rooms. Please ensure that the edge tiles are at least 15 cm wide. Starting from the door, the laying is carried out on the chalk line parallel to the main wall. From the door line, the Acoustic Tiles then start in a row up to about the middle of the room. The next tiles are laid in a stepped and joint-tight manner to this row of tiles. The incidence of light determines the shade and the visibility of the joints. You need to try out whether the running direction should run towards the window or away from it.

When laying, ensure that the protruding pile edge is not kinked or pinched when the next Acoustic Tiles are inserted, so that there is a closed surface appearance and no nap jams arise. The Acoustic Tiles should be placed together as possible.

Run your finger along the edge transition of the tiles often so that you can ascertain whether the tiles are flush and can intervene in time.

The cut edges of edge tiles must always be laid towards the wall. Transition areas, power supplies, inspection openings and round cuts should additionally be reinforced at the edges to prevent the individual tufts from breaking out.

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.

Parallel position or cross joint

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

English pattern

Half of the tiles are offset with the other row of tiles and laid in the same direction.

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.