

Installation instructions

2025

DESSO® & TANDUS

CARPET TILES

INSPECTION OF MATERIAL

- Make sure that the quantity, quality, colour, etc, correspond exactly with your order. All carpet tiles should be carefully inspected for damage or defects prior to installation. Tarkett will not be responsible for any cost associated with replacement or repair as a result of damaged or defective tiles being installed when said damage or defects were identifiable prior to installation.
- If you encounter any conditions or defects during installation that could jeopardize the installation or affect the installation procedure, you should STOP the installation immediately and call your local Tarkett representative.
- If agreed to receive different colour batches/shades, please ensure that these are installed separately, not combined in one room.
- On all installations there is a maximum benchmark area of 100m² which should be inspected by all authorising parties. Should there be any discrepancies against original specification or manufacturing, Tarkett should be notified prior to the continuation of the remaining installation.
- For tiles with the DESSO SoundMaster acoustic backing, please refer to the special installation instructions.
- Anhydrite floors must be dry. Tested with a CM-meter the value should be no more than 1%. Floorboards and similar substrates should have a moisture content of max 10% with wood moisture meter.
- Handheld pin and pinless meters should only be used for qualitative measurements to identify areas of high or low moisture content and not to determine whether or not floor coverings should be installed.
- The moisture content should be in accordance with the current relevant Standard within the country of use. **The moisture content must be in line with the recommendation of the tackifier adhesive manufacturer.**
- Panels of Raised Access Floor need to be smooth, level and secure. They can be susceptible to subtle flexing, please ensure uniform appearance to avoid matching raised access floor seams with tile joints. Before installing, you must ensure that there are no gaps between surrounding panels.

PREPARATION

Acclimatisation of tiles should take place in the building and areas where they will be installed, with below mentioned conditions and restrictions.

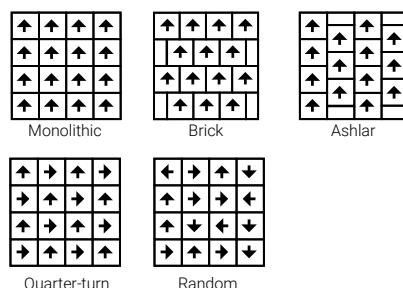
- Acclimatise all carpet tiles at least 48 hours before installation.
- Required conditions for acclimatisation and during life time cycle needs to be within 15°C and 30°C temperature, with relative humidity between 40%-60% prior to, during and after installation.
- If it is not possible to unpack the tiles, open the carton sides to allow air circulation and stack them to a maximum of 10 boxes high.
- Carpet tiles can be installed on floors with underfloor heating, providing the floor surface temperature does not exceed 27°C. The heating should be reduced at least 48 hours prior to installation. 48 hours after installation the heating system slowly may be turned up to the maximum of 27°C.

CONDITIONS AND REQUIREMENTS

- Carpet tiles should be installed directly onto the floor and use of an underlay is not permitted. Existing floor coverings, such as PVC, Linoleum or underlay must be completely removed from the subfloor prior to installation.
- The carpet tiles can be installed on any floor that is level, smooth, dry, pressure-resistant, clean and protected from damp. Remnants must be removed as should any adhesive, dust grease or polish. Any holes or indentations, joints, cracks or uneven floor areas should be levelled with a good floor filler or levelling compound. Follow the instructions of the manufacturer.

INSTALLATION DIRECTION

- Square tiles can be installed Monolithic, Brick, Ashlar, Quarter-turn or Random.



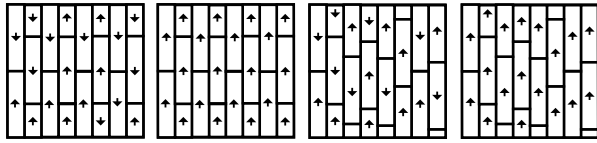
- For each carpet tile quality, the installation method has been determined. The prescribed installation method is indicated on the technical specification or on the boxes. Only install carpet tiles according to required installation method.
- Due to the influence of the installation direction to the appearance of the floor, the installation direction must be discussed with the customer beforehand.



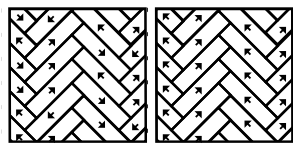
INSTALLATION OF PLANKS

Planks can be installed:

- Ashlar: with regular or irregular seams, header joints should be at least 10 cms apart on each row

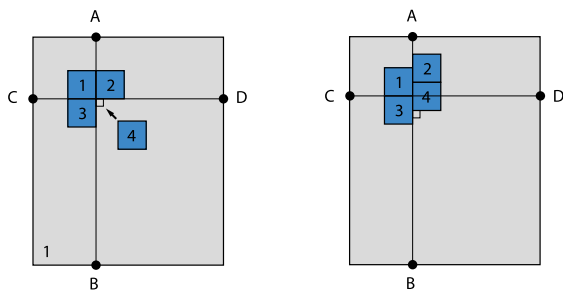


- Herringbone



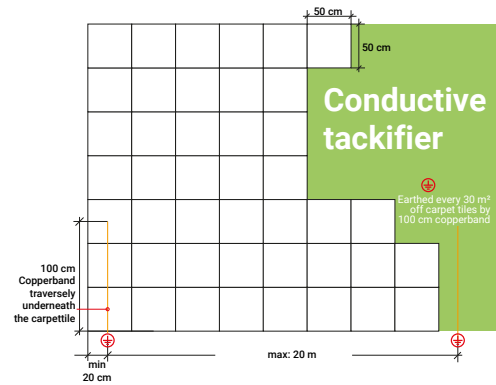
SET OUT TILES AND PLANKS

- Never start installing carpet tiles against a wall. Always start from a calculated point in the room to use the largest perimeter cut tile size (> 10 cm) on all perimeter walls and/or door thresholds/recesses. Snap chalk line A-B parallel to major wall bisecting calculated point. Snap chalk line C-D from calculated point at 90° to the first line.
- In offices start with the corridor and install the rooms afterwards, in order to obtain a good transition between.



APPLICATION

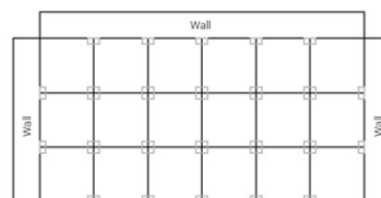
- Install carpet tiles with a tackifier (non-permanent bonding) that is suitable for the specific type of backing. For a list of recommended adhesives, please refer to our website.
- Apply to the whole of the surface area. To avoid a permanent bonding, the tackifier must be allowed to completely dry before start installation of tiles. The subfloor affects the degree of adhesion of the tackifier. Make sure it is not too strong or weak. Diluting with water influences the tack. Always follow the application advice of the tackifier manufacturer. *Note: For raised flooring systems care should be taken to ensure that the tackifier stops before the edge of the raised panels. This enables panels to be lifted freely as and when the need arises.*
- DESSO Carpet tiles are all antistatic (ISO 6356 ≤ 2kV).
- In addition, our collection offers qualities with dissipative property (vertical resistance ≤ 1 x 10⁹ Ohm according to ISO 10965 (see technical specifications on the Tarkett website). *Note: if a dissipative floor installation is required, a tackifier with conductive additive must be used. Apply 100 cm copper band traversal underneath the carpet tiles, earthed every 30 sqm by electrician with a maximum distance of 20 m between each connecting point. Follow instructions of the tackifier supplier if above differs with processing advice.*



- Carpet tiles can also be installed with TarkettTAPE Low VOC installation solution retaining the original floor surface without contamination.

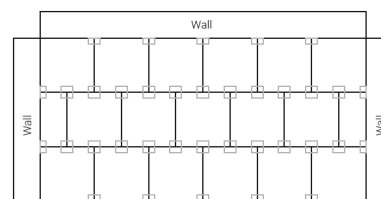


- There are 324 units per roll. Each tape unit measures ca. 8 x 10 cm with notched perforations between each unit. The tape unit is centred at the corner of the tile as to engage the adjacent tile corners.



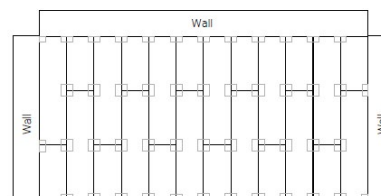
50 x 50 cm Monolithic or Quarter-turn modular installation

ca. 80 m² per roll



50 x 50 cm Brick or Ashlar modular Installation

ca. 40 m² per roll



25 x 100cm Ashlar modular installations

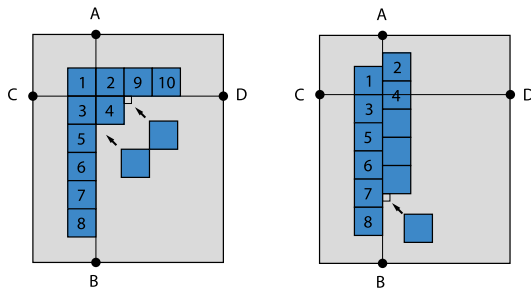
ca. 40 m² per roll



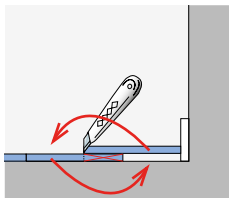
- Although the vertical resistance value of the carpet tile remains the same, a dissipative floor will not be achieved when using TarkettTAPE because of the slight contact with the subfloor. The antistatic value still applies.
- TarkettTAPE is not recommended on slopes or in rooms with heavy rolling transport.

INSTALLATION

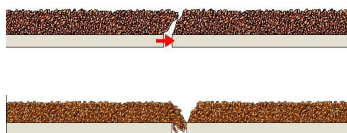
- Once the tackifier (when used) has become completely dry, the carpet tiles can be installed in accordance with the illustration.



- Check if the arrow on the back of each carpet tile is pointing in the correct direction according to the agreed way of installation. This will avoid deviating in colour and/or appearance.
- The tiles should be firmly fitted together. Be sure that the backings are butted closely together to limit the appearance of joints to a minimum.
- To ensure a good fit to skirting boards, cut the tile using the method shown in the diagram and place the cut edge against the skirting board. Be sure the arrows are pointing in the correct direction after being deposited at the right place.



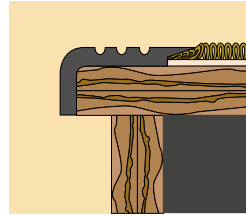
- All **cut pile carpet tiles** have a production direction which causes a forward leaning overlap on one edge of the tiles as illustrated. Great care should be taken to ensure that the "leaning" edges rows of tufts are not trapped between adjacent tiles when installed. The overhanging tufts should be positioned to cover the adjacent edge where the pile leans away from the tile edge.



Wrong Installation

STAIRS

- Carpet tiles are suitable for installation on stairs except on the stair nose itself, so needs to be fitted with a metal or rubber stair nosing. The tiles and sections of tiles can be secured with a tackifier system on the treads. The risers must be secured with either a single coat as permanent adhesive or with tackifier coated at the back of the carpet tile and a second applied to the riser, when allowed to dry, will act like a contact adhesive.



nosing

SKIRTINGS

- When carpet tiles are used in the vertical plane as a skirting, the application may need to be approved by a local fire officer.

AFTER INSTALLATION

- It is not unusual that the installation shows some visibility of joints. Newly installed carpet tiles need a period of acclimatisation, about 6-8 weeks, under correct conditions (temperature within 15°C and 30°C with relative humidity between 40%-60%), depending on usage and maintenance regime.
- It is not unusual that pile pressure during storage can cause a slight flattening of some tiles so that a temporary variable colour tone is visible. This will normally recover quickly with acclimatisation.
- Acclimatisation process can be accelerated: slightly moisturize the tiles by spraying them with water. And after drying time brush vacuum with a carpet vacuum cleaner.
- After installation, always protect the new carpet (tiles) with a protective film (carpet cover)* or thick paper for temporary carpet protection during the construction period.

* A carpet cover is a super-strong, protective film for the temporary protection of carpet.



GENERAL

- This installation manual concerning the handling and fitting of Carpet Tiles is based on extensive tests and years of practical experience. Although Tarkett guarantees the accuracy of their advice, no responsibility whatsoever can be taken for work, instructions and/or descriptions supplied by any other party.
- Contact your Tarkett representative if unsure about any part of the installation.
- This information is subject to change for ongoing continuous improvement.
- Always check the Tarkett website for latest version of this installation manual.
- For removal of the carpet tiles at the end of their usable life, please contact your local Tarkett representative for our Restart take-back and recycling program.

