

Oct 2020

INSTALLATION METHODOLOGY FOR DESSO CARPET TILES TO WALLS

Inspection of the materials delivered before starting the installation.

- Always inspect the carpet tiles delivered before commencing fitting.
- Make sure that the quality, colour, pattern, etc., correspond exactly with your order. (The quality, colour and batch number are mentioned on each box).
- An arrow indicating the pile direction can be found on the reverse side of each carpet tile.
- For an even result, it is very important to use tiles from the same batch in the same room.
- Any carpet tile can be susceptible to a certain amount of “pile distortion” when taken out the box. This may result in visual differences in appearance between the tiles during, and immediately following installation, however, this visual differential will diminish as the pile recovers to its natural position. (This is not a manufacturing defect).
- Storage of carpet tiles before an installation. Boxes should not be stacked higher than 6 – 8 cartons on top of each other to prevent excessive pile distortion/pile crush

Site conditions

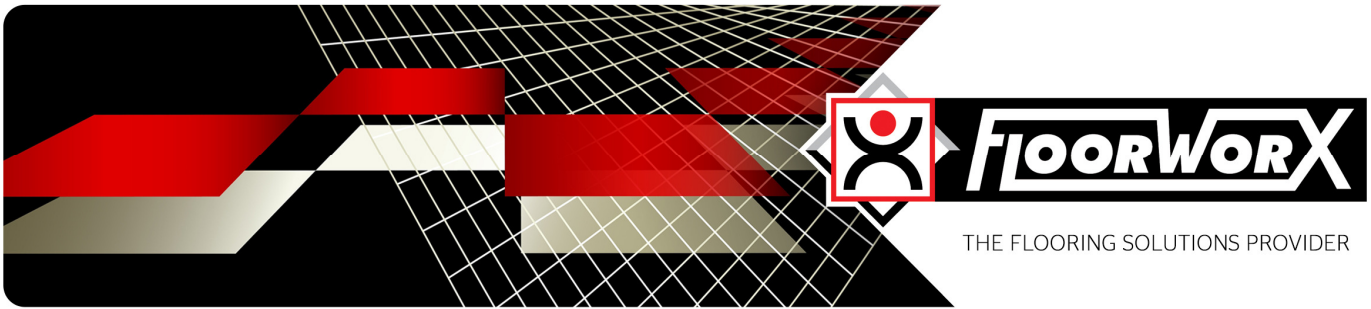
- The material should be unpacked at least 24 hours before installation and allowed to acclimatize to room temperature (48 hours in case of EcoBase™ backing).
- The product should be installed at a minimum room temperature of 18°C with a maximum relative humidity of 65%
- A floor temperature of at least 10°C should be maintained.
- The appearance of the carpet tile wall finish will depend largely on the condition of the wall, so the preparation of the surface is of paramount importance.

Designation of responsibility

As per SANS 10186 Code of Practice: The installation of textile floor coverings, the flooring contractor shall ensure that the wall is sufficiently dry, shows no signs of crumbling and it is sound. If the wall is not acceptable to the installer, he should not proceed with the installation until he has informed the contractor in writing and the conditions have been improved or he has obtained a written waiver of responsibility from the contractor. On completion of the installation, the installer should obtain a certificate of completion from the contractor.

Wall preparation

- The wall should be smooth, clean, dry and unblemished, not only for appearance but also for achieving a satisfactory adhesive bond.
- It should also be properly cleaned to remove all dust before the application.



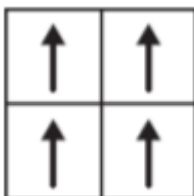
- It is important to remove any trace of contaminants for the wall surface. If chemicals agents are used, the wall must be thoroughly washed to remove any chemical residue and then allowed to dry thoroughly.
- In certain cases, it may be necessary to consider the use of a primer before adhesive application especially if the walls are porous.

Installation

- The installation principals are the same as when setting out on a floor, with the exception that everything is on the vertical.
- The working area and the back of the tiles must be coated with a non-solvent based contact adhesive and only once the application is touch dry, can the tiles be installed using standard fitting techniques.
- Make sure that the carpet tiles are installed tightly against each other. The backing must fit snugly so as not to squeeze any of the pile. (If the carpet tiles are pressed too tightly, creeping, warping and peaking can occur).
- Care should be taken with cut pile products to avoid trapping edge tufts between the joints.
- It is recommended that a hand seam roller be used to embed the carpet tile edges into the adhesive to strengthen the adhesive bond.
- Always start from a calculated point on the wall along a perpendicular line or chalk line.

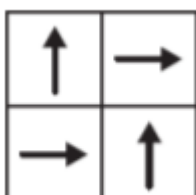
Pile Direction

- The arrows on the underside of the tiles indicate the pile direction and can be used to install the product in different ways.
- Most tiles produced by Desso, particularly the cut pile ranges, are normally installed "monolithic" with the directional arrows all pointing in the same direction.
- Some tiles have a very pronounced pile direction or design and have to, or can be installed "Quarter-turn", "Ashlar" or "Brick" i.e. (It is, however, always advisable look at the Technical Specification of the product before application).
- Should there are no arrows on the underside of the tile, then the range can/must be installed randomly.



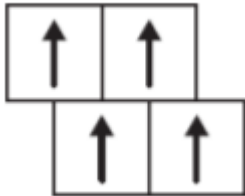
Monolithic (One way)

The carpet tiles are installed in the same direction to create a uniform floor covering



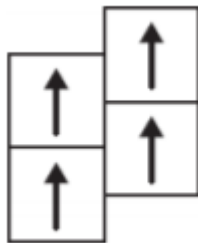
Tessellated

The arrow on the backside of the carpet tiles are alternately turned 90°



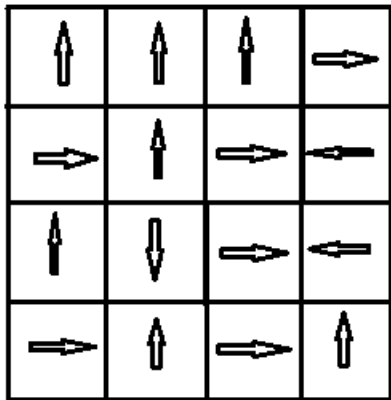
Brick-bond / Half brick

Each tile is horizontally shifted half a row so that 4 corner points never coincide



Ashlar

Each tile is vertically shifted half a row so that 4 corners points never coincide



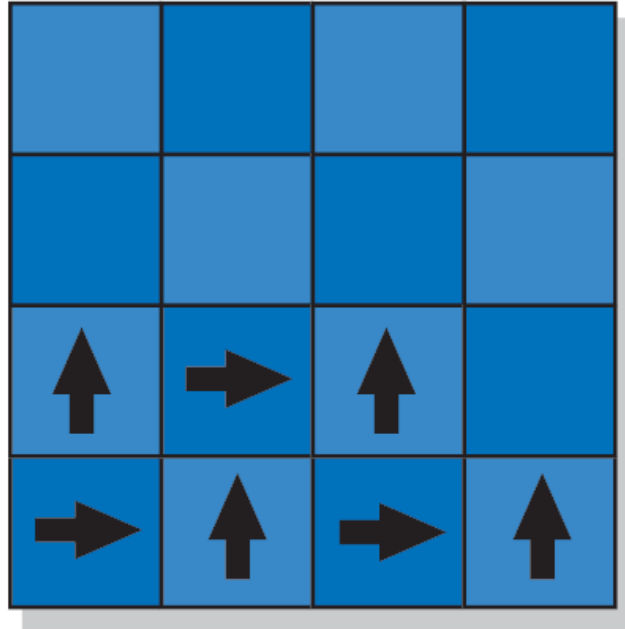
Random Installation

Two Different Effects

The majority of carpet tiles may be installed to give two different effects or appearances as shown in the below diagrams.

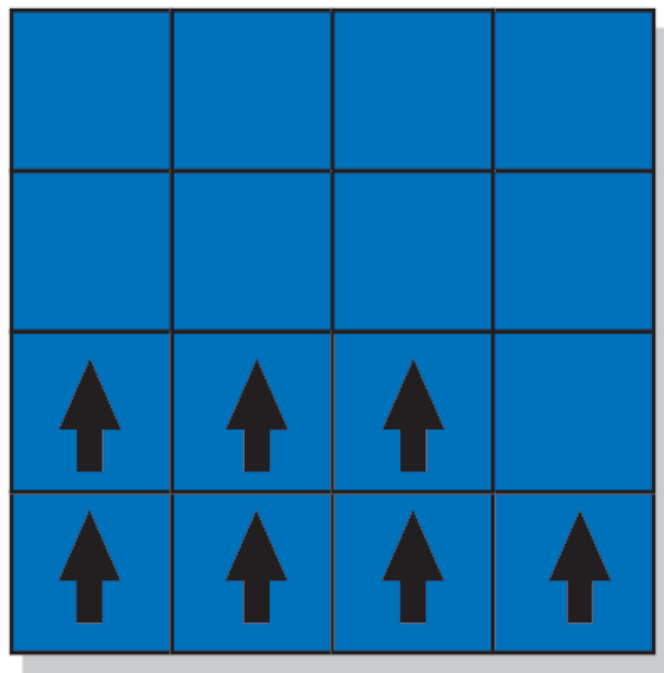
Chequerboard appearance

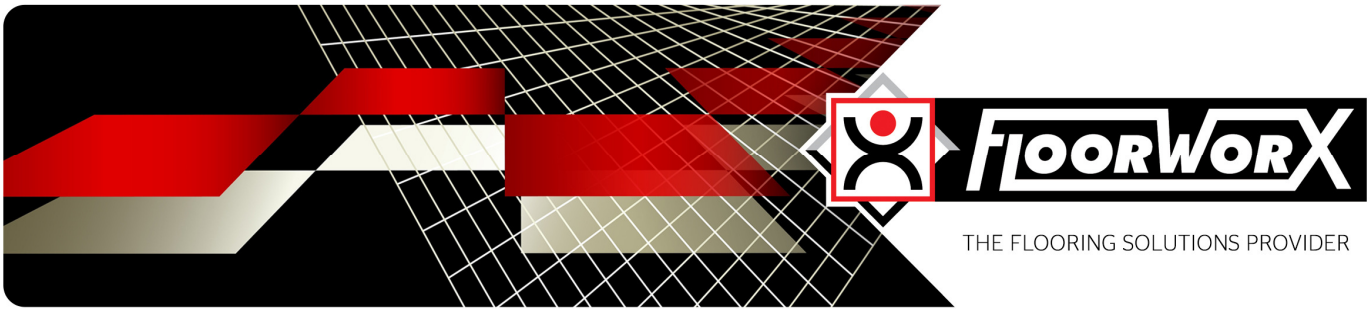
- For this effect, the tiles should be installed with the pile direction at right angles to the adjacent tile. This type of installation may be necessary for carpet tiles with a short (loop) pile and needle felt or fibre bonded tiles. This type of installation should not be used with cut pile products.



Broadloom appearance

- The tiles should be installed with the arrows on each tile pointing in the same direction. This type of installation is necessary for all cut pile tiles and printed qualities.





Cutting of tiles

- To finish the wall, the carpet tiles in most cases have to be measured and cut using a Stanley knife.
- To ensure a good fit into the corners or window and door reveals, cut the tile using the same method as carried out on the floor but in the vertical position.
- When calculating the starting point across the wall, check to ensure that tiles can be installed without the need for narrow cuts, minimum 10 cm. (It may, therefore, be necessary to adjust the starting point)
- Carpets are cut on the backing.

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