

modu
lyss®

READ MY TIPS.



INSTALLATION INSTRUCTIONS

MINITUFT

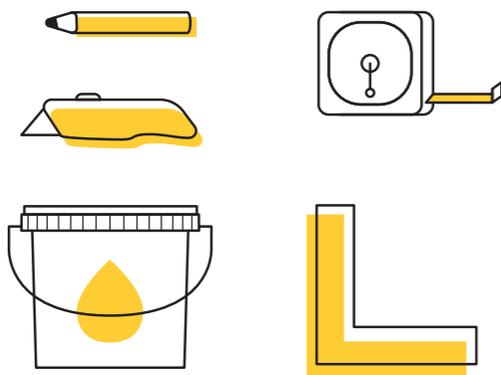
carpet tiles

GRIND
OPPOSITE
OPPOSITE LINES
BLAZE

INDEX

- 01 WHAT ARE MINITUFT® CARPET TILES? 3
- 02 BEFORE GETTING STARTED 4
- 03 HOW TO PREPARE THE SUBFLOOR 6
- 04 HOW TO INSTALL MINITUFT® CARPET TILES 8
- 05 HOW TO PROTECT YOUR FLOOR AFTER INSTALLATION 11
- 06 HOW TO MAINTAIN YOUR FLOOR 12
- 07 CONDITIONS 13

TOOLS



01 WHAT ARE MINITUFT® CARPET TILES?

modulys carpet tiles are available in different colours, structures and designs. Consequently, the creative possibilities are limitless. For optimal results, however, correct installation of the carpet tiles is an absolute must, so please follow these installation instructions carefully.

Minituft® carpet tiles provide a clean minimalist aesthetic. However, due to this structure, greater attention to detail is required during installation to achieve a perfect finish. In comparison to loop pile and multilevel loop pile products, minituft carpet tiles are less forgiving towards imperfections of the floor substrate due to their low profile structure. That's why minituft carpet tiles require **tight abutting against each installed tile.**

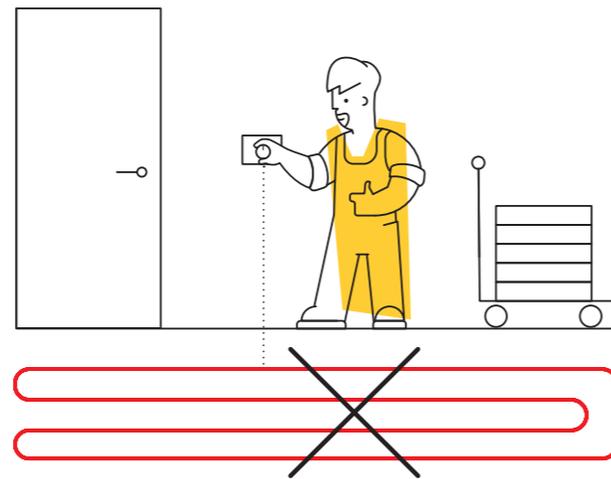


02 BEFORE GETTING STARTED

Underfloor heating

In a room with underfloor heating, **the underfloor heating system must be switched off at least 24 hours before the carpet is installed.** Moreover, the underfloor heating system should be operational for at least 10 days prior the installation of the carpet tiles to ensure that all residual moisture has been evaporated.

48 hours after the installation of the carpet tiles, the underfloor heating system can then be gradually brought back up to temperature by increments of 5°C per day, until it reaches standard operating temperature conditions, with a maximum of 27°C on the back of the carpet tiles.

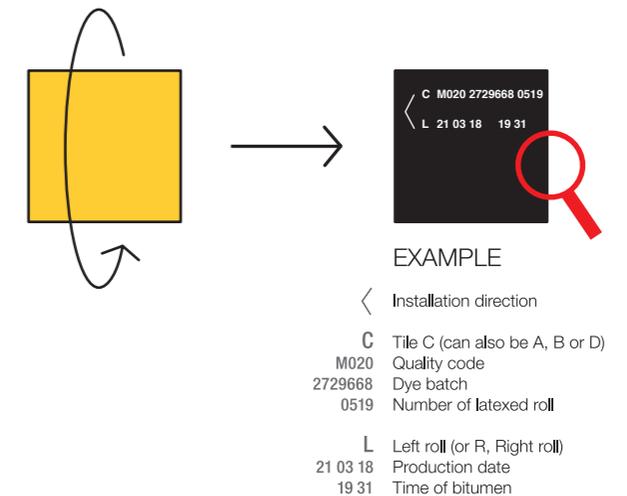


Acclimatisation & environmental conditions

Before starting the installation, place all boxes on a flat surface in the room where the carpet is to be installed. Next open the boxes on the top or on the side and leave the tiles for at least **24 hours to acclimatise**. The room temperature should be minimum 18°C and maximum 28°C. The relative humidity should be between 30% and 65%.

Inspection

The quality, colour and batch number are mentioned on each box. This information, together with the arrow that indicates the pile direction, can be found on the backside of each carpet tile. For an even result, it is very important to use tiles from the same batch in one and the same room. Therefore, you must **always check the material delivered before proceeding to install the tiles.**



03 HOW TO PREPARE THE SUBFLOOR

General

modulyss carpet tiles can be installed on any floor provided that it is **dry, free of defects, clean, greaseproof, solvent free, sturdy and even**. Residues of previous floorcoverings or adhesives must be removed.

The temperature of the substrate must be between 15°C and 25°C, and the humidity may not exceed 3% (standard CM measurement method) or 5% (measurement method by means of a Protimeter).

The subfloor is required to be stable and level to ensure that no irregularities are shown through the surface of the finished floor after installation and must comply with the **TV 262 (WTGB)** standard. **Unevenness** of the subfloor **must not be greater than 1 mm** measured over a width of 200 cm.



Installation on access panel floors

If the carpet tiles are being installed on access panel floors, this requires the floor to be checked to be true and square, and constructed and installed in accordance with the TV 262 (WTGB) standard.

Installation on concrete slab

If the carpet tiles are being installed directly onto concrete slab, the floor needs to be checked in accordance with the TV 262 (WTGB) standard before installation. Additionally, the surface pH and moisture of the concrete subfloor must be tested.



→ **Surface pH:** the concrete must be tested for surface pH at several random points throughout the floor. The pH range must be with 5 – 9pH. Otherwise, corrective action is required.

→ **Moisture:** the concrete must be tested for moisture and meet the following requirements:

- Unheated concrete subfloors: less than 2.0 CM% - 75% rH (UK)
- Underfloor heated concrete subfloors: less than 1.8 CM% - 75% rH (UK)

04

HOW TO INSTALL MINITUFT® CARPET TILES

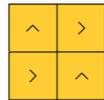
Installation

All carpet tiles are made to be installed separately. No permanent gluing is needed to install carpet tiles, so we recommend that an anti-slip or a semi-permanent glue is used. These types of glue have a lasting, non-hardening adhesive that allows easier removal.

Note: Minituft® carpet tiles are low profile carpet tiles. Therefore, they require **tight abutting against each installed tile.**

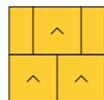
Opposite & Opposite Lines can only be installed in quarter-turn, while Blaze & Grind can be installed in quarter-turn, ashlar and brick. The modulyss technical data sheets always indicate which installation possibilities apply for the product concerned.

INSTALLATION METHODS FOR **BLAZE, OPPOSITE, OPPOSITE LINES & GRIND** CARPET TILES

 **QUARTER-TURN** means that the arrow on the back of the carpet tiles is alternately turned 90°.

INSTALLATION METHOD FOR **BLAZE & GRIND** CARPET TILES

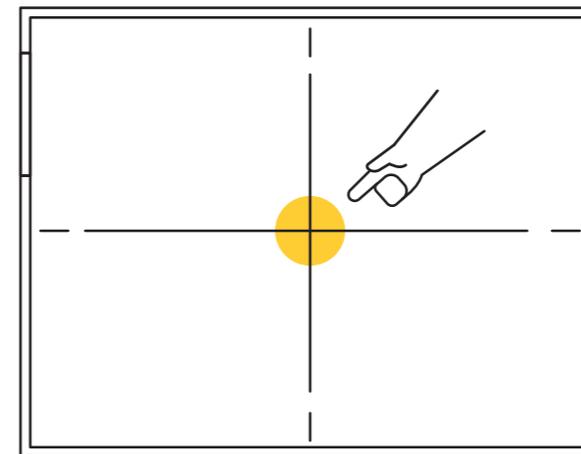
 **ASHLAR** means that each tile is vertically shifted half a row so that four corner points never coincide.

 **BRICK** means that each tile is horizontally shifted half a row so that four corner points never coincide.

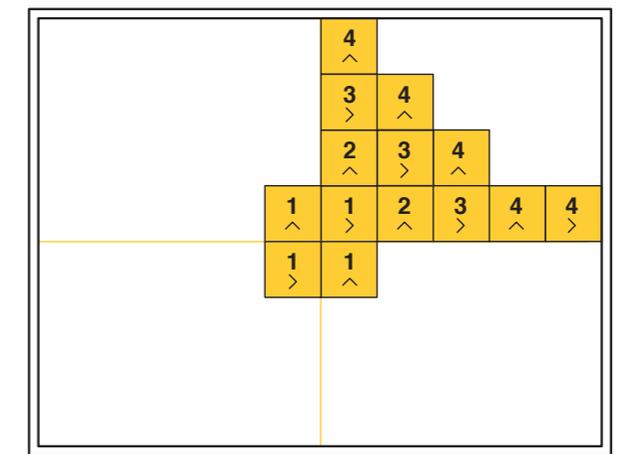
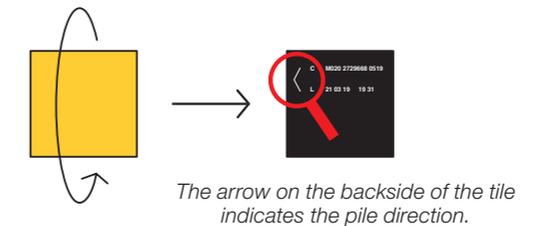
Start the installation from a centre point

First, measure the area to find the best starting point for a maximum size perimeter tile. Proper planning should avoid trimming perimeter tiles more than half their width.

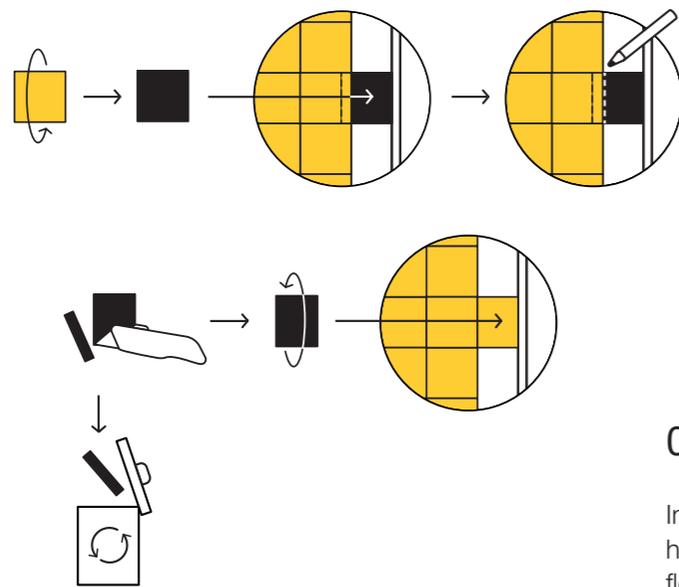
Next, divide the room into quadrants by snapping chalk lines on the floor from the centre of each opposing wall. The two centre lines must bisect at right angles in the centre of the room.



Using the chalk lines as your guide, begin laying the carpet tiles using the pyramid technique.



Example checkerboard installation



Cutting the tiles

In most cases, to finish the room carpet tiles will have to be cut to fit by means of a Stanley or suitable floor knife. Carpet tiles are cut on the backing.

05 HOW TO PROTECT YOUR FLOOR AFTER INSTALLATION

Floor protection after installation

Make sure that the floorcovering installed is sufficiently protected if the room still has to be used by other trades.

Move heavy furniture on hardboard plates to prevent the carpet from getting damaged.

06

HOW TO MAINTAIN YOUR FLOOR

Maintenance

For optimal results, the correct and regular cleaning of minituft carpet tiles is required. The carpet tiles must be cleaned and maintained in accordance with the modulyss cleaning recommendations (*).

Preventive measures

In rooms with intensive foot traffic, it's best to opt for a carpet tile with a darker colour and irregular pattern. Where an entrance from the outside or from heavily soiled areas occurs, we also recommend installing an efficient and sufficiently long clean-off zone (minimum nine-metres).

Routine cleaning

Vacuum cleaning using a brush vacuum cleaner constitutes the basis of daily maintenance. It can remove about 80% of the dirt from the carpet.

Specialised maintenance

The goal of specialised maintenance is to keep the carpet clean and maintain a consistent appearance level.

We recommend two cleaning methods depending on the level of soiling:

Light soiled areas: we recommend the use of the **Bonnet cleaning method** in case of light soiling. First apply Crystal Dry Extra® onto the surface. Next agitate the surface utilising a Bonnet machine to which a 100% cotton bonnet has been attached. After the area has dried completely, the carpet should be vacuum cleaned.

Heavy soiled areas: we recommend using the **Encapsulation method** in case of heavy soiling. Before starting, remove marks by means of Crystal Spot Remover® and Spotting Tool®. Then apply the Encapsulation method by means of the Smart Care® Trio System machine. Next examine the carpet, in the case of additional treatment being needed, use the Bonnet cleaning and moisturise the carpet with Crystal Dry Extra®.



CAUTION: the hot water extraction method should **not** be used on the modulyss minituft® carpet tiles. These products require low moisture or dry cleaning only.

07

CONDITIONS

Assessment

A maximum of 100 m² can be installed in advance of each installation for assessment purposes. If a party is concerned about any deviation from the original specifications and/or a production error is detected, modulyss must be informed before proceeding with the further installation of the carpet tiles.

15-year warranty

For optimal results, the correct installation and a regular cleaning of minituft carpet tiles are required

to uphold the 15-year warranty. The carpet tiles must be installed in accordance with the modulyss minituft installation guidelines and cleaned and maintained in accordance with the modulyss cleaning recommendations for minituft carpet tiles (*).

In the event of a warranty claim, if it is ascertained that the carpet tiles have not installed and cleaned in accordance with our instructions, modulyss cannot be held liable for errors resulting from unprofessional installation and cleaning. Moreover, this will result in the loss of the 15-year warranty.

(*) Latest versions of the cleaning recommendations can be consulted and/or downloaded on the modulyss website or app.

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