



General Guidelines Moduleo Click

Installation

The installation of Moduleo Click design floors is straightforward and follows the same guidelines that apply to all quality resilient floors.

NATIONAL REGULATIONS

Site conditions must always comply with the relevant national regulations and installation standards.

STORAGE & TRANSPORTATION

Cartons should be stored and transported on a flat surface in neat stacks, always store the cartons flat and never put them upright. Do not store the cartons in very cold (less than 2C°) or very warm (more than 40° C) or humid places.



VISUAL INSPECTION

Please inspect product prior to installation. Check that the colours correspond to those ordered, the quantities are correct and there is no visible damage to the boxes. Check the vinyl planks or tiles during installation for any visible defects. Do not install any planks or tiles that display any imperfections.

SUITABILITY

- **Moduleo Click** design floors can be laid on concrete, cementious screed, anhydrite (calcium sulphate), timber and ceramic tiles, which have been suitably prepared (see Floor preparation).
- **Moduleo Click** design floors design floors can be used with traditional waterbased underfloor heating and cooling systems. Electric wire systems are not recommended.
- **Moduleo Click** design floors is only suitable for indoor installation.

COMPOSITION, CONSTRUCTION AND QUALITY OF THE SUBFLOOR

Knowledge of the composition and construction provides valuable information that allows you to check the acceptable humidity, compressive and tensile strength of the floor correctly. In addition it tells you what type of floor preparation and levelling compounds, adhesive and possible moister barrier you may need during the installation process.



When there is ambiguity or doubt about the quality or composition of your subfloor check with your adhesive and/or levelling compound supplier.



Special note about conservatories:

Moduleo Click design floors is not suitable for areas that may be subject to excessive direct heat such as fully glazed sun facing



FLOOR PREPARATION

Good preparation is essential for trouble-free installation and is vital for an excellent floor appearance and tile adhesion. The finished appearance of Moduleo Click design floors will be as good as the quality of the base over which it is installed. Any irregularities in the subfloor will show through the finished floor and must be repaired before installation.

The subfloor must be hard, smooth, clean and dry, as well as being free from defects and fit for purpose. When needed, scrape off and remove old adhesives and loose laying levelling compound. Make sure the subfloor is flat and free from chemical substances and grease.

A suitable levelling compound should be used to ensure that no irregularities show through to the surface of the finished floor. However, the selection of suitable materials, including smoothing and levelling compounds and any ancillary products, is dependent upon the end use of the completed flooring, and must be agreed by the supplier of the preparative materials and the flooring contractor.

All own materials used for floor preparation must be used in accordance with the manufacturers' recommended instructions. In all cases, the subfloor must be sufficiently dry.



Important:

Floor installation should not begin until the installer has assessed and approved the subfloor or conditions.

THE MOISTURE CONTENT OF THE SUBFLOOR

- Unheated cementitious screeds less than 2.0CM%
- Underfloor heated cementitious screeds less than 1.8CM%
- Unheated anhydrite (calcium sulphate) screeds less than 0.5CM%
- Underfloor heated anhydrite (calcium sulphate) less than 0.3CM%

Direct-to-earth concrete and stone subfloors must have an effective damp proof membrane (DPM). Follow manufacturer's detailed instructions for the installation of a surface DPM and the use of levelling compound. An overview of recommended manufacturers and suppliers can be provided by Design Floors .

TEMPERATURE CONDITIONS BEFORE, DURING AND AFTER INSTALLATION

Moduleo Click design floors are best installed with a room temperature of between 18° C and 27° C and a floor temperature of above 15° C. Installations in areas colder than recommended will influence the convenience friendly installation properties of Moduleo Click design floors.

The planks or tiles could be less easy to handle and less flexible, whilst cutting could be heavier with small pieces difficult to cut out. The lower the temperature, the more difficult to handle.

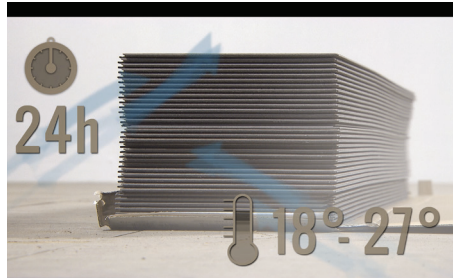
For installation in areas warmer than recommended, we advise consultation with your local installer on how to create the appropriate installation conditions.

A constant temperature, fluctuating no more than 5° C per day and not below the required 18° C room temperature and 15° C floor temperature, should be maintained 24 hours before, during and 72 hours after installation.



ACCLIMATISATION

Moduleo Click design floors must acclimatise in the room of installation, or an equivalent area for at least 24 hours prior to installation, or until such time as the product has achieved an ambient temperature. Again, this is a minimum temperature of 18° C and a maximum of 27° C.



- Unpack the Moduleo Click design floors and check all planks or tiles in daylight for possible defects or discrepancies in colour.
- Stack the plank or tiles in straight piles away from heating, cooling or windows with direct intense sunlight. This is to achieve a gradual acclimatisation.

UNDERFLOOR HEATING

Moduleo Click design floors can be used with traditional water based underfloor heating systems, provided there is a constant room temperature of 18° C for the acclimatisation period, installation and 72 hours after installation.

The underfloor heating must be gradually increased by increments of 5° C until it reaches the standard operating temperature conditions, with a maximum temperature of 27° C. For suitability of the system please check the manufacturer's instructions.

UNDERFLOOR COOLING

Moduleo Click design floors can also be installed over floor cooling systems. However, the supply temperature of the cooling water must not be reduced below the dew point temperature. Temperatures below this point will produce condensation and can therefore damage the floor covering. Thermostats in the room must never be set at a temperature which is more than 5° C lower than the room temperature.

RECOMMENDED UNDERLAY:

In order to maximise the acoustical insulation and comfort of your Moduleo Click design floor, the use of Xtrafloor underlay is required. Leveling of the subfloor can be avoided with the use of Xtrafloor because it has been especially designed to smooth out small subfloor irregularities and to improve the acoustical absorbance, with continued guarantee on the performance of the click connection of the Moduleo Click design floor.

Xtrafloor Underlay can be laid over existing floor coverings like ceramic tiles, linoleum, and level floorboards, as long as the subfloor shows no irregularities bigger than 5mm wide and 2mm deep. Xtrafloor Underlay can also be installed over floors with water-based floor heating or cooling. Xtrafloor Underlay can simply be cut with a carpet knife.

Lay the sheets joint-to-joint with the filmed side facing up at an angle of ca. 90° counter to the laying direction of your new floor. No need to fix one sheet to another. Separate the PET-film from the sheet and begin laying your new floor according to the fitting instructions. Do not use primer on Xtrafloor Underlay.



INSTALLATION FROM ONE BATCH

We recommend that you always use materials from a single production batch for each installation, as we cannot guarantee a match between batches.



EASY TO CUT

Moduleo Click planks or tiles are easily cut using a straight blade in a utility knife. Cut the printside of the plank or tile several times and snap along the line.



CONTACT WITH WATER

Prevent the floor from coming into contact with a large amount of water, or from being submerged, as the click connection is not fully waterproof.

Important:

Installation with other underlay, which could potentially cause a quality claim, will not be guaranteed.

REQUIRED EXPANSION GAB

1. Moduleo Click is a "floating" floor. The panels should not be glued or fixed to the surface below.
2. Moduleo Click design floors can be installed wall-to-wall, however, a 5mm expansion joint must be incorporated at the perimeter of the room/area.
3. For surfaces larger than 200m², it is recommended to create an expansion joint of 10mm around the perimeter of the room/area.
4. In addition, should a single wall or run be longer than 20 linear metres, then a 5mm expansion gap should be allowed within the floor surface.
5. It is recommended that an expansion gap is left between doorways, especially where there are temperature differences between common spaces.

STEP BY STEP FITTING INSTRUCTIONS

1. The Moduleo Click system panels can be joined in two different ways, either tongue-in-groove or groove-under-tongue. The simplest procedure, however, is groove-under-tongue, working from left to right.
2. The advantage of the Moduleo Click system is that it allows you to choose your own starting position. You can start in the middle of the room/area and work to both sides, or start at the wall and work your way in.
3. Determine the installation direction of the Moduleo Click design floor. Measure the room carefully to determine whether the first row of panels needs to be narrowed. If not, the lower groove lip of the first row of panels needs to be removed. Use a utility knife to neatly cut off the lower groove lip.
4. Begin by laying the first row in the corner of the room on your left hand side as you are looking at the wall. Always work from left to right and with the tongue towards yourself.
5. Lay the first row in a straight line and click the head ends together. Put the short side of the profile into the head end of the previous panel and press the panel downwards. It is recommended to use a hand roller for connecting the head ends so that the joint fits securely.
6. Use the spacers to fill out the contour of the wall so that the panels do not move and are 100% installed.
7. For the last piece, measure the last plank so that the required expansion gap is maintained. Do not lay the panel completely tight to the wall. Cut away the marked piece and fit the end panel in the same way as the previous panels. When cutting the panel with a utility knife, make sure that you cut through the wear layer before breaking the panel.
8. For an attractive and natural appearance, we advise to use the piece left over from row 1 as the first piece in the following rows.
9. For the second/next row, take a new panel and decide how big the first piece must be (or use one of the left overs from previous rows). Make sure that the front seam is at least 20-30 cm different from the previous rows.
10. Fit the second row as you did for the first: start on the left hand side and slide the groove of the panel under an angle of about 25° over the tongue of the previous row, clicking the groove into the tongue by laying down the panel while pushing it firmly against the first row. Along the long edge, it is advisable to use a recoil or rubber hammer and tapping block or product piece to ensure the click mechanism is firmly locked.
11. Next, fit the second panel by sliding the groove under, at an angle of 25° , into the tongue of the previous row. Position the left corner of the head end against the previous panel and then drop the short side of the profile into the head end of the previous panel, and push downwards using a hand roller. Repeat until you reach the end of the row.
12. Repeat steps 9 to 11 until all rows are complete, and only the last row needs to be placed.
13. To fit the last row of panels you will usually need to narrow them. Do this as follows: lay a panel on top of the previous row with the groove towards the wall, lay another panel upside down up to the edge of the wall and mark the panel underneath. Cut the panel to size and fit the last row.
14. Doorposts and heating pipes also need to be individually fitted. First cut the panel to the right length, then place the panel next to the object and draw the correct fitting. Next, cut the panel to size. Doorposts can also be sawn to size if necessary to lay the floor beneath them.
15. Expansion gaps should not be sealed with silicone kits but kept open by covering them with appropriate skirting or profiles.

Recommended tools:

- Tape measure
- Pencil
- Set square
- Utility knife
- Hand roller
- Recoil- or rubber hammer
- Tapping block
- Spacers for setting the rows in an uneven wall



Note:

The same standards, guidelines and references apply as for a normal installation without Xtrafloor Underlay.

Cleaning and Maintenance

Appropriate maintenance procedures will help to preserve the appearance and will extend the life of a Design Floors design floor. The frequency of maintenance will depend on the amount and type of traffic, degree of soiling and the floor colour & type. Design Floors has a Protectonite-PU lacquer on top of the resistant wear layer. This lacquer protects against soiling and makes overall maintenance easier. Protectonite also makes a prior treatment with protection polish unnecessary.

EXTERNAL CONDITIONS

The appropriate management of external conditions can help to protect the flooring, which saves time and expense on cleaning and maintenance, and also extends its lifespan. Most soiling comes from an external source and is transported indoors by foot and rolling traffic. If dirt lodges under sliding furniture, the flooring will not only be soiled but will also suffer (light) damage in the form of scratches.



ENTRANCE MATS

A proper clean-off zone is strongly recommended. It will reduce the soiling of the flooring by as much as 70%. Entrance mats, when properly serviced, can effectively remove any abrasive and foreign materials from foot traffic and reduce the amount of absorbed water. Design Floors recommends a minimum of two full strides of entrance matting. Where possible, prevent dirt from reaching the floor. A suitable barrier matting system will help prevent soiling and abrasive material from entering a building and make maintenance easier.

Regularly clean the clean-off zone so that it functions optimally. Prevent fibres from the clean-off mat from running or adhering together with dirt. As far as possible, remove sand and adherent dirt such as chewing gum using a spray or gum remover. Replace the clean-off mat in time to ensure an optimal functioning dirt entrapment zone.

Avoid rubber or latex backed mats as these may leave stains.

Important:

- Take care to immediately wipe up any spillages on the vinyl flooring to minimise the risk of permanent staining occurring.
- Vinyl flooring can be slippery when wet.
- If the use of a neutral detergent is necessary then follow the rules and mixing proportion quantities of the manufacturer.
- After cleaning, the floor should be dry within 1 or 2 minutes so there is no residual water with cleaning detergent and dirt remaining on the floor.

PROTECTION OF SLIDING FURNITURE

Good protective caps have a sufficiently large support surface, possibly a hinge to ensure a straight contact between the furniture and the flooring, and are made of a non-absorbent material to prevent the ingress of moisture and dirt.



XTRAFLOOR CLEANER MAINTAINER

Our range of cleaning products has been specially formulated for use with Design Floors' products. Our concentrated cleaner is suitable for daily and weekly cleaning and can be used with all cleaning methods, such as damp or wet mopping, combine machine, spray cleaning and scrubbing.

REGULAR CLEANING

Remove daily dirt

- Sweeping
- Dry mopping
- Vacuum cleaning

Spot and stain removal

- Damp cloth
- Hand pad

Damp mopping

- Microfibre damp mop
- Traditional mop (as dry as possible)

XTRAFLOOR SPOT REMOVER

A ready to use cleaner formulated for removal of spills and other deposits. Xtrafloor supplies a range of maintenance products which are recommended for cleaning Design Floors products. Products containing soap or unsuitable detergents such as washing up liquid may leave hard-to-remove film or residue on the surface. These can detract from the floor's appearance and may be slippery. Xtrafloor maintenance products are carefully manufactured to produce the highest performance when used in accordance with the instructions on the box.

OCCASIONAL CLEANING

Mopping

- Damp mopping
- Traditional mopping (as dry as possible)

Combine machine

- Red scrub pad
- Neutral detergent
- Low amount of water!

MAINTENANCE:

Spray cleaning

- High-speed (450 rpm)
- Red drybuff pad
- Spray bottle with neutral detergent

Camouflage minor scratches

- High-speed (450 rpm)
- PU refresher
- Red drybuff pad
- Cotton cloths



Important part from the warranty:

- Almost all flooring will vary in colour over time when exposed to UV light. Avoid this by using curtains or sunscreens when the sun is very bright.
- Avoid rubber or latex backed mats as they may leave stains. Also rubber and latex castors (we advice castors type 'W' in accordance with EN 12529) or protection caps under furniture cannot be used.
- Protect against scratching from furniture feet by using wide free-moving castors, glides, rollers or felt pads. Use furniture caps under heavy items or appliances to prevent indentation.
- In case of loose lay installation, damage of the vinyl flooring caused by heavy overload or sliding activities is not covered by the warranty conditions.
- Do not allow cigarettes, matches and other very hot items to contact the floor as this causes permanent damage.

Important: Cleaning or maintenance may only take place if the Design Floors' design floors are correctly installed and there are no visible imperfections.

Contact your Moduleo® design floors representative / retailer for the complete warranty conditions.