



Installation and
maintenance instructions
Moduleo® Dryback

Installation

The installation of Moduleo® Dryback 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 the 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 plank or tiles during installation for any visible defects. Do not install any planks or tiles that display any imperfections.

SUITABILITY

- **Moduleo®** Dryback can be laid on concrete, cementious screed, anhydrite (calcium sulphate), timber and ceramic tiles, which have been suitably prepared (see Floor preparation).
- **Moduleo®** Dryback can be used with traditional waterbased underfloor heating and cooling systems. Electric wire systems are not recommended.
- **Moduleo®** Dryback 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.





FLOOR PREPARATION

Good preparation is essential for a trouble-free installation and is vital for an excellent floor appearance and tile adhesion. The finished appearance of a Moduleo® Dryback 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.

The subfloor must be hard, smooth, clean, dry, 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.

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 Moduleo®.

TEMPERATURE CONDITIONS BEFORE, DURING AND AFTER INSTALLATION

Moduleo® 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® Dryback. 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® Dryback 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® Dryback and check all planks or tiles in daylight for possible defects or discrepancies in colour.
- Stack the planks 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® Dryback 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® Dryback 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 ADHESIVES

Moduleo® Dryback is recommended to be installed with solvent free pressure sensitive or high temperature adhesives. Moduleo® provides Xtrafloor adhesives, appropriate for an effective and efficient installation. If you use other adhesives, please contact Moduleo® or your retailer who can provide a list of those appropriate.

Other adhesives, such as roller or spray adhesives are not recommended. Please also take note of the Moduleo® bonding PVC floor covering instructions.

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® planks or tiles are easily cut using a straight blade in a utility knife. Cut the print-side of the tile several times and snap along the line.



Special note about conservatories:

In areas that may be subject to excessive direct heat 45° C or above (e.g. fully glazed sun facing conservatories) the floor must be installed with (Xtrafloor) high temperature adhesive. It is particularly necessary to keep the temperature in conservatories at a constant temperature between 18° and 27° C prior to, during, and for 72 hours after installation. It would also be advisable to shade windows to avoid direct intense sunlight. This should help to provide a constant temperature during the acclimatisation period, the installation and 72 hours after the installation.



Recommended tools:

- Tape measure
- Pencil
- Chalk line
- Adhesive and trowel
- Damp cloth
- Set square
- Utility knife
- Hand roller
- Roller minimum 50kg



STEP BY STEP FITTING INSTRUCTIONS

1. Determine the installation direction of the Moduleo® floor. Calculate how the partition of plank or tiles will be across the width of the room/area and mark a 100% straight line on the floor.
2. Highlight the second line so create the section (for example, 5 rows wide) to be glued with the correct type of adhesive. Prior to using the adhesive read the supplier's instructions.
3. Spread the right amount of adhesive equally over the subfloor and let it dry (open time) until it reaches its initial bonding strength. For more information consult the specifications of the adhesive used and the Moduleo® bonding PVC floor instructions.
4. Lay the planks or tiles, respecting the direction of the arrows of the backing, into the sticky adhesive in order to transfer the adhesive fully onto the backing (working time).
5. Cut the planks or tiles free of tension against the wall or skirting.
6. Don't spread adhesive on a section greater than can be processed within the working time.
7. To ensure full contact with adhesive, immediately press every plank or tile with a trowel or hand roller.
8. Wipe excess adhesive with a damp cloth.
9. Roll each section with a roller of minimum 50kg immediately after installation and several times in different directions during the working time.
10. Repeat steps 3 to 9 until the entire installation is completed.



PROTECTION

Moduleo® should be protected from heavy traffic for 72 hours after installation so that the tiles and adhesive can stabilise at constant temperature between 18-27° C.

FIRST CONTACT WITH WATER

Prevent the floor from coming into contact with water for the first 72 hours after installation. Hereafter the adhesive is sufficiently resistant to water so that the bonding strength will not be affected.

Maintenance

CLEANING AND MAINTENANCE

Appropriate maintenance procedures will help to preserve the appearance and will extend the life of a Moduleo® Dryback. The frequency of maintenance will depend on the amount and type of traffic, degree of soiling and the floor colour & type.

Moduleo® Dryback has a Protectonite-PU lacquer on top of the resistant wear layer. This lacquer protects against soiling and makes the 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 the life span of the flooring. 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. Moduleo® 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.



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.



Important:

- Take care to immediately wipe up any spillages on the vinyl flooring to minimise the risk of permanent staining occurring.
- Moduleo® flooring can be slippery when wet.
- If the use of a neutral detergent is necessary then follow the rules and mixing proportions quantity 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 remains on the floor.

XTRAFLOOR CLEANER MAINTAINER:

Our range of cleaning products has been specially formulated for use with Moduleo® 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.



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 Moduleo® products. Products containing soap or unsuitable detergents such as washing up liquid may leave

REGULAR CLEANING

Remove daily dirt

- Sweeping
- Dry mopping
- Vacuum cleaning

Spot and stain removal

- Damp cloth
- Handpad

Damp mopping

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

OCCASIONAL CLEANING

Mopping

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

Combine machine

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

a 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.

Note:

Contact your Moduleo® Dryback representative / retailer if you are unsure about any part of the installation & maintenance instructions.

MAINTENANCE:

Spray cleaning

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

Scrub and wet vacuum

- Low speed (180 rpm)
- Red scrub pad
- Neutral detergent
- Wet vacuum
- Rinse by damp mopping with clean water without detergent

Recover gloss different

- High-speed (450 rpm)
- Red and with dry buff pad

Camouflage minor scratches

- High-speed (450 rpm)
- PU refresher
- Red dry buff 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.
- Do not allow cigarettes, matches and other very hot items to contact the floor as this causes permanent damage.

Contact your Moduleo® floor representative / retailer for complete warranty conditions.