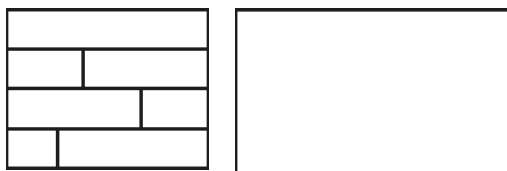


PROFESSIONELLE VERLEGEANLEITUNG, PFLEGE- UND WARTUNGSANLEITUNG

PETG CLICK FLOORING



PLANK & TILE

NOTE: THIS DOCUMENT SUPERSEDES ALL PRINTED AND ELECTRONIC INSTALLATION
DOCUMENTS PREVIOUSLY DISTRIBUTED FOR PETG CLICK FLOORING.

GET TO KNOW PETG CLICK FLOORING

- General information: When installing PETG CLICK FLOORING, always use best practices and follow the applicable standards for the installation of floorcoverings, such as BS 8203 in the UK and VOB, Part C, DIN 18365 in Germany and all other relevant European, national and local standards.
- PETG CLICK FLOORING is intended for interior use only and is suitable for above-grade (suspended) ongrade (in contact with ground) and below grade (basement) applications. However, PETG CLICK FLOORING should not be installed in locations where the subfloor beneath the building structure is exposed to the elements.
- PETG CLICK FLOORING is to be installed as a floating floor system and must be free to move as a monolithic unit in response to changes in temperature. It must not be glued, nailed, or fastened to the subfloor, walls or fixed to any part of the building structure. Permanent fixtures such as walls, partitions, shelving, cabinets, displays, counters, tracks for transition profiles and similar items should be installed first, then fit PETG CLICK FLOORING around them, leaving a space for expansion and contraction. Fill expansion spaces around potentially wet areas with premium waterproof 100% silicone sealant.
- Direct sunlight may cause PETG CLICK FLOORING to fade or to expand causing the floor to warp or to separate. Protect PETG CLICK FLOORING from direct sunlight using window treatments or UV protection film / tinting on windows.
- PETG CLICK FLOORING is a waterproof floating floor, but it should not be used to seal an existing floor from moisture. PETG CLICK FLOORING cannot inhibit the growth of mould or prevent structural problems associated with, or caused by flooding, excessive moisture, alkalis in the subfloor, or conditions arising from hydrostatic pressure. Regardless of location, always remove standing water, urine and other liquids promptly. Jobsite moisture issues must be addressed and corrected prior to installation.

PETG CLICK FLOORING

INSTALLATION GUIDE

PRE-INSTALLATION ESSENTIALS

Your job will be smooth, fast and easy when you follow the essentials every time you install PETG CLICK FLOORING.

EVALUATE THE JOB SITE

EXTERIOR

Damage caused by water and high humidity should be addressed prior to installing PETG CLICK FLOORING.

- Examine the driveway, parking area's and landscaping surrounding the building. Be sure that they slope and direct water away from the foundation.
- Inspect gutters, down spouts and drains for blockage. Remove clogs caused by leaves, dirt and debris, allowing runoff to flow freely away from the foundation.
- Check crawl spaces for cross-ventilation air vents. Crawl spaces should be insulated according to the latest building code requirements.

INTERIOR

Jobsite moisture issues must be addressed and corrected prior to installation.

- Examine the installation site for leaky plumbing, including leaks from sprinkler heads, toilets, water heat-ers, water fountains, radiators or any other water-bearing fixtures or pipes.
- Inspect subfloors for levelness. They must be sturdy, sound, and flat within 3mm in a 1,8 meter radius, or 5mm within a 3 meter radius. The subfloor should not slope more than 25mm per 1,8 meters in any direction.
- PETG CLICK FLOORING requires testing of concrete subfloors for moisture and pH before installing PETG CLICK FLOORING. Test results should not exceed 85% relative humidity (RH). PH tests for alkalinity levels should register between 7 and 9.
- PETG CLICK FLOORING requires testing of wood subfloors for moisture. Obvious signs of moisture issues include warping, peaking, degradation of the integrity of the subfloor, rusted fasteners, and rusted floor registers. Even if obvious signs are not present, the material should be tested using a professional moisture meter and moisture levels should not exceed 14%.

ATTENTION: Mould and mildew grow only in the presence of moisture. Jobsite moisture issues must be addressed and corrected prior to installation.

PETG CLICK FLOORING INSTALLATION GUIDE

IDENTIFY YOUR SUBFLOOR

APPROVED SUBFLOORS

PETG CLICK FLOORING is suitable for use over a wide variety of subfloors.

CONCRETE

All subfloors should be tested and prepared according to the applicable standards for the installation of floorcoverings, such as BS 8203 in the UK and VOB, Part C, DIN 18365 in Germany and all other relevant European, national and local standards.

PETG CLICK FLOORING is waterproof, but jobsite moisture issues must be corrected before installation begins to prevent serious damage to the subfloor and surrounding structure, and to discourage the growth of mould and mildew. Concrete subfloors must be sturdy, sound, and flat within 3mm within a 1,8 meter, or 5mm within a 3 meter radius. The subfloor should not slope more than 25mm per 1,8 meters in any direction. Moisture and alkalinity tests should be performed on all concrete subfloors regardless of grade level or age of slab. Test results should not exceed 85% relative humidity. pH tests for alkalinity levels should register between 7 and 9. All moisture tests should be conducted several days prior to installation to be sure that the subfloor is in compliance.

UNDERFLOOR HEATING

Installations where underfloor heating is used, follow current DIN 18365 and EN 1264 Standards. The maximum working temperature on the surface of the subfloor is 30°C. Installation over electrical systems is not allowed.

TIMBER, PARTICLEBOARD & CHIPBOARD

Wooden subfloors must be sturdy, sound, and flat within 3mm within a 1,8 meter radius, or 5mm within a 3 meter radius. The subfloor should not slope more than 25mm in 1,8 meters in any direction. PETG CLICK FLOORING recommends performing moisture tests prior to installation to prevent serious damage to the subfloor and surrounding structure, and to discourage the growth of mould and mildew. Moisture readings should never exceed 14% for plywood, particleboard and chipboard subfloors. If moisture readings exceed 14%, it is advisable to correct moisture issues at the jobsite before installing PETG CLICK FLOORING.

TILE, TERRAZZO, ASBESTOS TILE, RESILIENT TILE, NON-CUSHION SHEET VINYL, & METAL

Existing floors must be firmly attached to the structural subfloor. To prevent vertical deflection (movement) and potential damage to the integrity of the PETG CLICK FLOORING, all subfloors must be sturdy, sound, and flat within 3 mm over a 1.8 m radius, or 5 mm over a 3 m radius. The subfloor should not slope more than 25 mm per 1.8 m in any direction. Fill grout lines on ceramic tiles, terrazzo, quarry tiles, and similar floors with a cementitious leveling and patching compound.

Attention: Read the specific guidelines for installation of PETG CLICK FLOORING over existing ceramic tile flooring, in the “Key Installation Considerations” on page 6 of this manual!

UNACCEPTABLE SUBFLOORS

Remove the floors noted below and remove old adhesive before installing PETG CLICK FLOORING. Encapsulate adhesive and cutback residue by covering with a suitable smoothing compound to create a barrier.

- Parquet Over Concrete
- Hardwood Over Concrete
- Cushion Back Sheet Vinyl
- Engineered Hardwood Over Concrete
- Carpeting/Carpet Pad
- Floating Floors
- Sleeper Subfloors

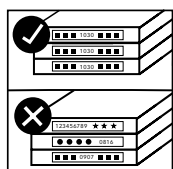
PETG CLICK FLOORING INSTALLATION GUIDE

PREPARE THE JOB SITE

- Building envelope should be fully enclosed with windows and exterior doors permanently installed.
- Turn on Central Heating Ventilation and/or Air-Conditioning at least one Week Prior to Installation- Room temperature should be maintained between 18°C and 29°C at least 48 hours prior to installation and continuously between 12°C – 35°C for the life of the floor.
- PETG CLICK FLOORING is more dimensionally stable than typical floating wood or vinyl based flooring products, however 48 hour acclimation is required. PETG CLICK FLOORING flooring subjected to extreme hot or cold conditions can cause the material to become too flexible or rigid, making the material difficult to install and potentially causing damage to the locking system. Optimum material and building temperature range for installation is 18°C – 29°C.
- Allow all other Trades to Finish
- Perform Recommended Moisture and pH Tests - See the “Identify Your Subfloor” section of this manual for further information about suggested tests.
- Level Uneven Subfloors — All subfloors must comply with applicable building codes. Fill large cracks and voids with a cementitious leveling and patching compound. To prevent vertical deflection (movement) and potential damage to the integrity of the PETG CLICK FLOORING, all subfloors must be sturdy, sound, and flat within 3 mm over a 1.8 m radius or 5 mm over a 3 m radius. The subfloor should not slope more than 25 mm per 1.8 m in any direction.
- Remove Skirting Mouldings- Remove wall skirtings prior to installation. Leave appropriate expansion space between the edge of the flooring and walls or vertical surfaces.
- Fill Grout Lines - When installing over existing ceramic tile or stone floors fill the grout joints to obtain a smooth surface. Follow floor flatness requirements. **Refer to chart “Key Installation Considerations” on page 6.**
- Remove Unapproved Subfloors
- Remove or Encapsulate old Adhesive- old adhesives must be scraped up and left so that no ridges or puddles are evident and what remains is a thin, smooth film. Then encapsulate residue to prevent the new flooring from attaching itself to the subfloor.
- Undercut Wood Door Casings- Wood door casings should be undercut so that PETG CLICK FLOORING will fit neatly beneath them, concealing the expansion space.
- Cut Around Metal Door Casings- Do not cut metal door casings. Cut PETG CLICK FLOORING around them, leaving the appropriate expansion space. After installation, fill the space with a coordinating premium waterproof 100% silicone sealant.
- Clean Up the Job Site- Remove all debris, sweep and vacuum the subfloor. Smooth, non-porous floors should be damp-mopped after vacuuming and allowed to dry thoroughly before installing PETG CLICK FLOORING. All dust must be removed prior to installation.

CHECK MATERIAL REFERENCE, QUANTITY AND RUN NUMBER

All the information is available on the sticker located on the short end of the carton. Verify that all of the material for your job is from the same reference and run number. Minor shade variations within the same batch number contribute to the natural look of PETG CLICK FLOORING products. To avoid noticeable shade variations, do not install material from different batch numbers across large expanses. To determine manufacture date, locate the run number on the short end of the carton. It is the eight-digit number separated by decimal points beginning with the two-digit day, then the two-digit month, and finally the four-digit year.



BATCH NUMBERS / MANUFACTURE DATE

01.07.2020

DAY.MONTH.YEAR

PETG CLICK FLOORING INSTALLATION GUIDE

KEY INSTALLATION CONSIDERATIONS

Subfloor Flatness Tolerances	"5 mm in 3 meters or 3 mm in 1,8 meters." "Slope no more than 25mm in 1,8 meters."
Damp Proof Membrane – 0,20mm	"Not Required."
Is underlayment (underlay) required?	"No – PETG CLICK FLOORING includes an integral pre-attached underlayment."
Acclimation Requirements	"48 hours* (Optimum material and building temperature before installation is 18°C – 29°C.)"
Maximum Installation area without expansion joints in the middle of the floor	"Can be installed in areas/rooms up to a maximum of 1000 m2 (33m x 33m) without the need of expansion joints in the middle of the floor. T-Mold Transition requirements for larger areas/rooms: Are required in rooms greater than 33 meters in either direction.**"
Transition Requirements (T-Mould) Doorways/Thresholds	"Required."
Glue Down Installation	"Not Required/Not Recommended."
Internal Subfloor Relative Humidity (RH) Recommendations	"Maximum 85% RH when tested with a hygrometer, in accordance with BS 8203: 2001. Ap-pendix A."
Underfloor/Subfloor Heating	"Approved: Subfloor surface temperature must not exceed 30°C. installation over electrical systems is not allowed."
Installation Over Existing Ceramic-, Stone-, Terazzo, and Resilient Tiles	"Can be installed on top of existing ceramic or stone tile floors, respecting a maximum grout-line-width of 4 mm and a maximum grout-line-depth of 2 mm! The maximum accepted height difference between adjacent tiles is 1 mm. NOTE: In all other situations then explained; Fill in grout lines with cementitious levelling and patching compound and follow instructions as described in "Identify your Subfloor" in this manual."
4-Season/Non-Climate Controlled Environments	"Installation on floors is not recommended in living rooms or other areas, including closed areas without windows, that cannot be ventilated (in which no ventilation or air conditioning can take place) all year round."
Minimum Perimeter Expansion Requirements	"10 mm around perimeter walls, pipes and heavy fixed objects such as kitchens and cabinetry."
Optimal Interior Environmental Conditions	"During installation: between 18°C and 29°C." "During life of flooring: between 12°C – 35°C and 40% – 60% RH (Relative humidity)."
Definition of "Waterproof"	Structural integrity of flooring will not degrade due to contact with moisture/water***
Installation in Glass houses and Winter garden	"Can be installed in Glasshouses / Winter gardens taking into consideration the following important criteria; (1) Room/building temperature before or during installation must be between 18°C and 29°C. (2) Normal room temperature after installation (when floor is in use) must be between >12°C and 35°C. (3) Maximum floor surface temperature allowed (caused by direct sunlight) is 70°C (4) Room air ventilation is required in both winter and summer season. NOTE: Direct sunlight may cause issues including, but not limited to, discoloration, lifting, and excessive temperatures which may result in expansion or contraction of the flooring. Protect the flooring from direct sunlight using window treatments, drapes, blinds, or UV tinting on windows."

*PETG CLICK FLOORING flooring is more dimensionally stable than typical floating wood or vinyl based flooring products, however acclimation is required. PETG CLICK FLOORING flooring subjected to extreme hot or cold conditions can cause the material to become too flexible or rigid, making the material difficult to install and potentially causing damage to the locking system. Optimum material and building temperature range for installation is 18°C – 29°C.

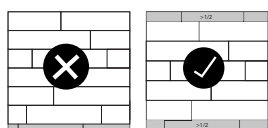
**If installing PETG CLICK FLOORING in an environment that has a length or width greater than 33 meters, a T-Moulding should be utilized to separate the floor into two (2) separate sections.

***While PETG CLICK FLOORING is waterproof, it is not intended for use as a moisture mitigation system.

PETG CLICK FLOORING INSTALLATION GUIDE

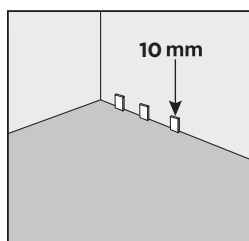
INSTALLATION FOR PETG CLICK FLOORING WITH **DROPLOCK100™** PROFILE

Installation will move from left to right beginning in the left corner with tongue side of long edge facing the wall.



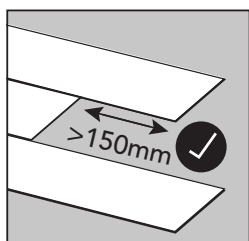
1. BALANCING THE FIRST AND LAST ROW

First measure the distance between the starting wall and ending wall. It may be necessary to cut the first row to balance the layout and to prevent having a small cut at the end wall.



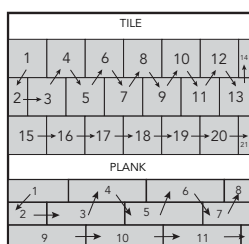
2. SET SPACERS

Create the required expansion space between the perimeter planks and the wall using spacers. Set spacers around the perimeter of the installation space to create a minimum 10 mm expansion gap. Do not remove them until the installation is complete.



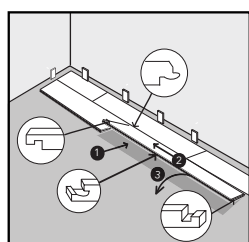
3. ESTABLISH PROPER STAGGERING

Maintain proper staggering of planks. Maintain a minimum 150mm end-joint stagger throughout the installation.



4. SEQUENCE OF INSTALLATION

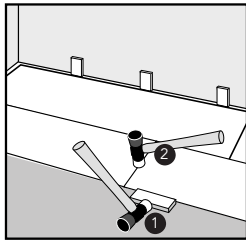
Install the first two rows, from left to right, in an alternating process. Row 1 plank 1, row 2 plank 1, row 2 plank 2, row 1 plank 2, row 2 plank 3, row 1 plank 3, until first two rows are complete.



5. INSTALLING PLANKS

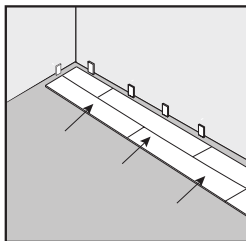
Cut the first plank in the second row to one-third its length before installing it. Insert the long sides of plank/tile with product angled up. Insert the long side (1) then slide the plank until the short tongue touches the short groove edge on the first plank of the second row (2), lower the plank (3)

PETG CLICK FLOORING INSTALLATION GUIDE



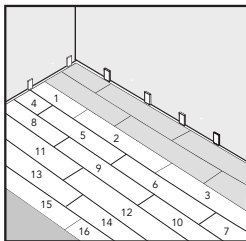
6. INSTALLING PLANKS (CONTINUED)

Lower the plank down and using a soft faced hammer and a tapping block, fully engage the long sides first, then tap down the short side with a soft faced hammer until the short side is fully engaged. Repeat the same installation pattern until you reach the opposite wall and cannot install another full plank.



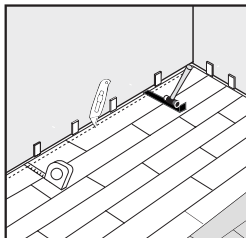
7. INSTALL THE LAST PIECE

Be sure the first two rows are assembled squarely and engaged properly, before pushing the two starting rows to the wall against the perimeter spacers.



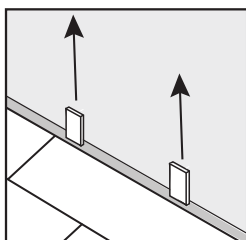
8. INSTALL REMAINING ROWS

Continue to install the remaining rows, one row after the other while working left to right, and maintaining the proper stagger, until getting to the last row.



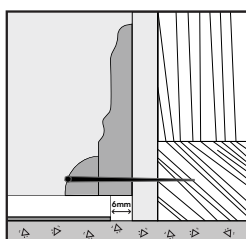
9. INSTALL THE LAST ROW

Scribe, cut, and install the last row of planks to fit along the wall while accounting for proper expansion space. Use a pull bar to engage the long edges together.



10. FINISH THE JOB

Remove the perimeter spacers.



11. FINISH THE JOB

Finish the installation by covering the expansion space with skirting, quarter round, or other trim, being sure not to trap or pin down the floor.

GENERAL CARE & MAINTENANCE

ROUTINE CARE & MAINTENANCE

- Sweep, dust mop or vacuum daily. Do not use vacuums with any type of beater bar assembly.
- Lightly damp mop with a neutral pH cleaner. Remove excess soil by carefully scrubbing with a soft nylon brush, micro fibre mop or sponge with a neutral pH cleaner.
- Remove scuffs using a neutral pH cleaner and a soft nylon brush or sponge.
- Heavily soiled floors may require an occasional deep cleaning using a neutral pH cleaner, spray bottle and a low-speed buffer not exceeding 175 RPM. Fit the buffer with a red or white scrubbing pad, spray the cleaner solution onto a manageable area of the floor and scrub. Remove the dirty residue by damp mopping with clear water. Caution: Do not flood the floor.
- Remove standing water, urine and other liquids promptly. Follow with a neutral pH cleaner.

PREVENTIVE CARE

- Use walk-off mats at all outside entrances.
- Use only flat felt or soft plastic glides at least 50mm in diameter under furniture legs or freestanding dis-plays and fixtures to prevent indentations and scratches.
- Use broad surface non-staining casters at least 50mm in diameter on rolling fixtures or furniture.
- Do not use vinegar, polishes, waxes, oil soaps, abrasive cleaners, harsh detergents or solvents.
- Use non-staining mats.
- Do not expose completed installation to direct sunlight. Direct sunlight may cause issues including, but not limited to, discoloration, lifting, and excessive temperatures which may result in expansion or contraction of the flooring. Protect the flooring from direct sunlight using window treatments, drapes, blinds, or UV tinting on windows.
- Do not use steam cleaners.
- Do not flood floor or subject to standing liquids including urine.

For further information and inquiries please contact:

HMTX Global
Argon 37 | 4751XC Oud Gastel | The Netherlands
Tel: +31 88 166 25 00
E-mail: info@hmtxglobal.com