



PAVIGYM



TEXT REVISED: OCTOBER 2025
This version replaces all previous versions

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This document must be read before installing any PAVIGYM product.
Failure to follow the installation instructions may affect the product warranty.

1 General advice before installation

To ensure proper installation, these instructions must be followed carefully. These guidelines are designed to minimise or prevent any issues during the process.

1. Before installation, the tiles must remain in the area of use for at least 48 hours at the expected room temperature.
2. Once the material has been received, it should be stored in an indoor space, protected from direct sunlight and any other heat sources (such as stoves or radiators), to avoid dimensional or colour alterations.
3. It is essential to verify the dovetail system, colour, and general appearance of the tiles BEFORE installation.
4. The installation of the PAVIGYM floor must be carried out at an ambient temperature between 15°C and 25°C. It is recommended to carry out the installation under the same thermal conditions the room will have in use, to avoid later expansion or contraction.
5. PAVIGYM products must only be installed once all civil works (masonry, plumbing, electricity, air conditioning, glazing, painting, etc.) that could damage the floor have been completed. If additional work is required after installation, the floor must be properly protected. PAVIGYM offers a specific protector for this purpose.
6. Once installed, the product cannot be returned.
7. If any anomalies are detected in the material, the installation process should be stopped and the local distributor or technical support service should be contacted immediately at: support@pavigym.com support@pavigym.com.

2 Subfloor verification and preparation

Proper subfloor preparation is essential to ensure optimal results. The surface on which the PAVIGYM floor is installed must meet the following technical requirements:

- **SOLID:**

The existing slab must meet the necessary structural safety and service conditions, being able to support the permanent overload generated by the installed tiles.

- **DRY:**

The surface must remain dry both during installation and throughout the life of the product.

The maximum acceptable moisture content is 3.5%, measured with an appropriate hygrometer.

The relative humidity of the environment should not exceed 80%.

If these values are exceeded, it is recommended to apply a waterproofing solution before proceeding with the installation of our products. Primers and sealants should be used, depending on the nature of the subfloor.

- **FLAT/LEVEL:**

The surface must have uniform flatness, with no irregularities greater than 3 mm per linear metre. If necessary, use levelling compounds or equivalent products (such as ARDEX-type compounds).

- **CLEAN:**

Before installation, the surface must be free of dust, dirt, or residues. A thorough cleaning must be carried out by sweeping or vacuuming just before starting the work.

- **COMPACT:**

This is especially important for installations with adhesive. The subfloor must be sufficiently compact to ensure proper adhesion of the product.



If any of these conditions are not met, a **specialist technician** should be consulted before continuing with the installation.

Additional information on installation conditions:

INSTALLATION OVER CERAMIC TILES

- Due to their fragility, PAVIGYM floors are not recommended to be installed over ceramic tiles as there is a high risk of breakage.

INSTALLATION OVER GRANITE, MARBLE, OR TERRAZZO

- In exceptional circumstances, installation over granite, marble, or terrazzo surfaces is permitted, provided these meet the **strength, moisture, flatness, and cleanliness** requirements described above.
- Tiles must be **firmly bonded** to the slab with a continuous layer of mortar.
- There must be **no cavities** under the tiles as this would compromise resistance to point loads.
- Joints must not be recessed, nor must there be level differences between tiles. If there are, they should be:
 - Filled with levelling mortar, or
 - Removed and a new self-levelling layer applied.

INSTALLATION OVER RAISED TECHNICAL FLOORS

- In the case of raised or floating floors, the manufacturer's installation instructions must be **strictly followed** to ensure the underlying structural stability.

INSTALLATION OVER WOODEN FLOORS

- Installing on wooden floors may cause **visible colour changes on the original surface** over time. PAVIGYM is not responsible for these aesthetic variations.

INSTALLATION OVER UNDERFLOOR HEATING

- For installations over underfloor heating, the following conditions must be met:
 - A constant ambient temperature of **approximately 21°C**, regardless of the season.
 - The floor temperature **must not exceed 28°C**.

INSTALLATION OVER UNSUITABLE SURFACES

- The installation of PAVIGYM products is **not recommended over carpets or soft surfaces**, as these prevent proper sealing of joints between tiles.



If you have any doubts, please contact our Customer Service department at: support@pavigym.com



IMPORTANT:

Check for any visual defects before installation.

Do not install the material if any defects are detected, as no warranty claims will be accepted for the material.

3 Recommended adhesives

PAVIGYM has evaluated various adhesives available on the market. Below are the **recommended products** for use depending on the installation environment:

BRAND	PRODUCT NAME	LOCATION
COLLAK	COLLAK WA-1040	Interiors
KEFREN	PU-816	Exteriors or wet areas
UZIN	UZIN KE 2000S	Interiors
HENKEL / THOMSIT	THOMSIT K 188 E	Interiors



For the use of any other adhesive not listed, it is recommended to consult with the PAVIGYM technical team beforehand to validate its compatibility.

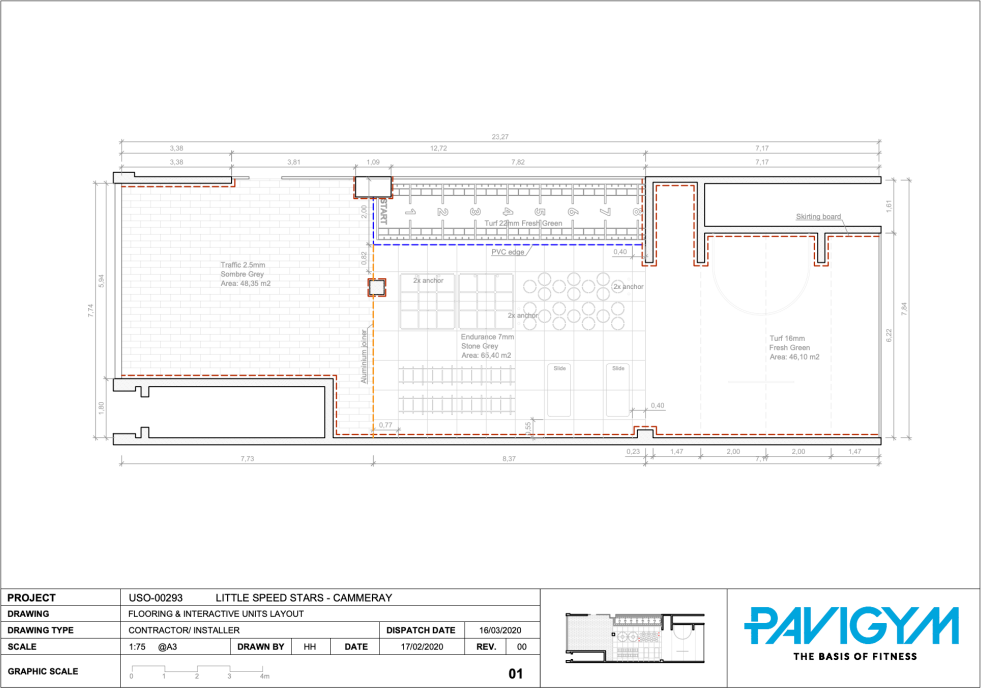
4 Installation plan

For installations carried out by the PAVIGYM technical team, a detailed installation plan is provided in one of the pallets of the order.
This document can be found in the folder containing important documentation, which should be located and reviewed before starting the work.

The installation plan provides the following key instructions:

- **Starting point** for the layout.
- **Detailed distribution of all products** to be installed.
- **Material layout diagram** (flooring, skirting, ramps, transitions, etc.).
- **Surface area chart** expressed in m² (square meters) and mL (linear meters).

This document is essential to ensure the correct placement of the elements on-site and optimise the installation of the complete system.



5 PAVIGYM floor installation

5.1. GENERAL CONSIDERATIONS

- Before beginning installation, a visual inspection of all tiles should be carried out, **checking the chequerboard pattern, uniformity of colour, and overall appearance**. It is recommended to **lay the tiles out on the floor before installation** to facilitate this verification.
- During the layout process, it is essential to **preserve full tiles** (without cuts) in the most **visible areas**, such as entrances, main access points, or prominent walls, to minimise unnecessary cuts and material wastage.
- For floors that include markings or designated zones (zoning), their orientation and location should be verified **before starting installation**, as this will directly impact the final design.
- For tiles with textured colours or visual patterns, care must be taken to **ensure the design direction is consistent** across the entire installed surface.



Previous visual inspection before installing

5.1.1. Reference point and reference axis

To ensure correct tile alignment during installation, it is essential to establish a reference axis system following the steps outlined below:

Geometric layout procedure (3-4-5 method)

1. MARKING THE MAIN AXIS

- Use a chalk line to mark a straight line on the floor, parallel to the main wall of the room.
- Mark the first reference point on this line.

2. LOCATING THE SECOND POINT

- From this first point, measure and mark a second reference point exactly 3 metres along the parallel line to the wall.

3. MARKING THE PERPENDICULAR AXIS

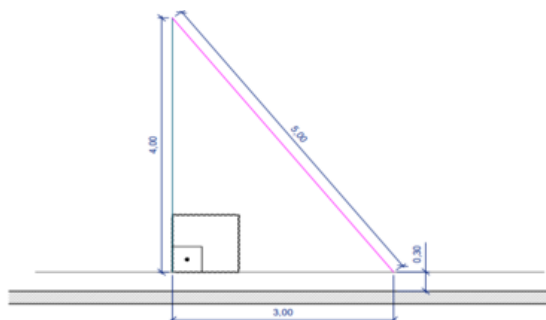
- From the first point, now draw a perpendicular line to the main wall. Mark a third reference point on this new line, 4 metres from the first.

4. VERIFYING PERPENDICULARITY

- If the steps have been followed correctly, two perpendicular axes should now appear on the floor. Measure the distance between the second and third reference points.
 - If the distance is exactly 5 metres, the axes are indeed perpendicular and can be used as guides for installation.
 - If the distance differs, repeat the procedure from the beginning.

5. ADDITIONAL NOTES

- If the floor has markings and/or zoning in the design, verify their position and orientation before defining the main wall.
- In floors with textured colours, ensure the visual pattern remains aligned throughout the installation.



5.2. RECOMMENDATIONS FOR TILE CUTTING

During installation, some adjustments may require precise tile cutting. To carry out this task safely and efficiently, it is recommended to follow the procedure below:

5.2.1. Steps for correct cutting

1. PRECISE MEASUREMENT

- Measure the distance from the edge of the tile to the cutting line, taking into account the space needed for the expansion joint (usually between 5 and 10 mm).

2. INITIAL SURFACE CUT

- With a sharp, wide cutter, make a superficial cut along the marked line, using a metal ruler or square as a guide.

3. FINAL CUT

- Repeat the cut along the same line until the tile is fully cut. The number of passes required will depend on the material thickness.

5.2.2. Safety and Quality Precautions

- **Never cut towards your body.** Always make cuts away from your body to prevent accidents.
- **Special care with custom tiles** (logos, markings, customised pieces). These pieces are exclusive, and any cutting errors will require their complete replacement, at the corresponding cost.



5.3. NON-GLUED FLOORINGS

This type of installation **applies to products that, due to their design and weight, do not require adhesive for fixation to the subfloor**. In some particular cases — such as areas with expected excessive expansion due to external factors (e.g., exposure to temperatures higher than recommended, thin material, heavy equipment, etc.) — adhesive fixation of the tiles should be considered based on the specific needs of each project.

The following tools, compatible products, and general recommendations are provided for a proper installation.

Recommended tools:

- Measuring tape
- Laser distance meter
- Marking pencil
- Tracer pen
- Cutter
- Ruler for measuring
- Ruler for cutting
- Rubber mallet or roller
- Screwdriver kit (cross-head and flat-head)
- Damp meter

Related products:

Pavigym:

- Pavigym Balance
- Pavigym Endurance
- Pavigym Endurance S&S
- Pavigym Extreme
- Pavigym Extreme S&S
- Pavigym Performance+
- Pavigym Motion
- Pavigym Traffic Clic System (see section 5.3.1)
- Pavigym Weightlifting

Pavibasic:

- Pavibasic Cardio
- Pavibasic Cross Training
- Products with straight cut starting from 20mm thickness: CT20, CT30 Antishock, Solid, Solid Pro 20/ Solid Pro 30 / Solid Pro 40, etc.

Acoustic Solutions:

- Acoustic Silent (see section 5.3.2)
- Acoustic Underlay (see section 5.3.2)
- Acoustic Optifoam (see section 5.3.2)
- Impulse Absorbents: (see section 5.3.2)
- BigJag (see section 5.3.3)
- Jag (see section 5.3.3)

General Installation Procedure

1. START FROM REFERENCE AXES

- Begin the installation following the reference points established in section 5.1.1.
- Continue placing the tiles in rows, starting with the first piece, and regularly check the reference axes as you proceed.

2. TILE FITTING

- To ensure the tiles fit perfectly, press the chequerboard joints until they are flat. A light pressure roller or rubber mallet with gentle taps can be used to ensure proper seating.
- Tip: Spraying a small amount of water on the chequerboard edges will ease the assembly. Do not use additives.

3. NO STRETCHING OR FORCING

- Tiles should not be forced or stretched during installation. If this happens, it indicates that the previous tiles have not been correctly placed. Review the previous installation before continuing.

4. PERIMETER INSTALLATION

- Perimeter tiles should be installed last, maintaining an expansion joint of 5–10 mm around the entire perimeter, including columns and any other structural elements that could restrict floor expansion.

5. FINAL INSPECTION

- Before making final cuts or completing the perimeter, visually inspect the installation. If anomalies are detected, it is recommended to exchange tiles to optimise the visual uniformity of the room (colour, reflections).



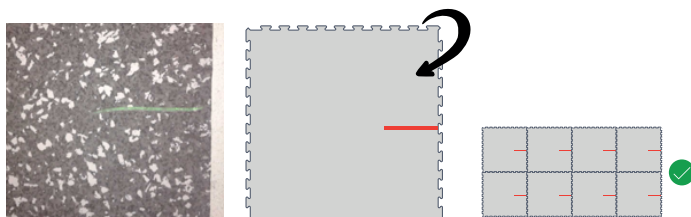
TECHNICAL NOTE

In “island-style” installations or those without perimeter containment elements, even when the system does not require adhesive, it is recommended to apply adhesive only to the perimeter tiles to avoid shifting.

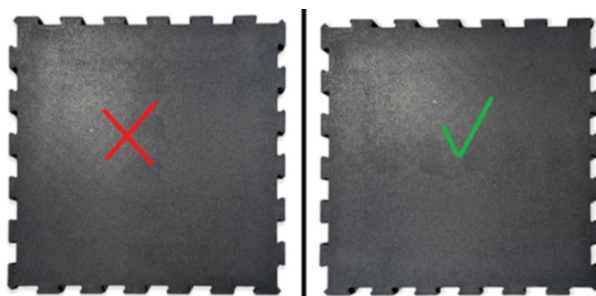


IMPORTANT:

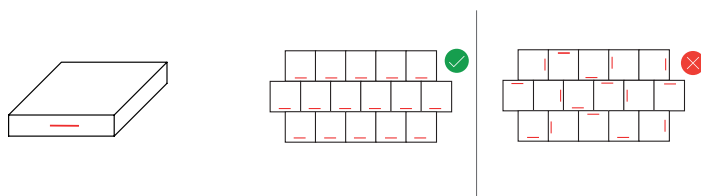
- Extreme and Extreme S&S tiles include a mark on the back side (the one placed on the floor) indicating the direction of the visual pattern. This mark must be used as a reference for orientation to ensure a homogeneous installation.



- The orientation of Cross Training tiles during installation must follow the right-peak rule (the first tooth at the top must face to the right). It is important to check that all tiles are aligned according to this orientation to guarantee a correct fit.



- For Solid Pro tiles, the marking is on the side of the piece (the side perpendicular to the floor). This marking should also be respected during installation to maintain the visual consistency of the entire surface.



5.3.1. SPECIFIC CASE:

PAVIGYM TRAFFIC CLIC SYSTEM

The Traffic Clic system allows for fast and precise installation without adhesive, thanks to its tongue-and-groove click system.

Recommended tools:

- Measuring tape
- Laser distance meter
- Marking pencil
- Cutter
- Set square
- Saw
- Tightening bar
- Rubber mallet or roller



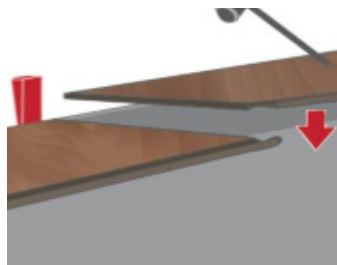
PAVIGYM Traffic Clic Installation

1. PLANNING

Calculate the number of full and partial planks needed. It is recommended to have extra units available for unforeseen issues.

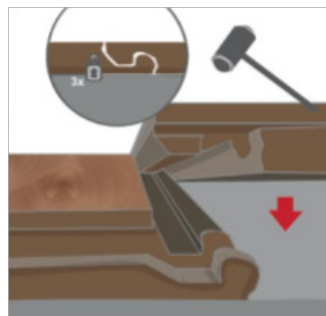
2. FIRST ROW

- Start at the left corner of the room.
- Remove the left tongue of the first plank if necessary.
- Maintain a **5mm expansion joint** next to any vertical surface.



3. FITTING BETWEEN PIECES

- Install the second plank by inserting its short tongue into the groove of the previous one.
- Continue along the row using this same technique.
- Once all planks are in place, gently tap the joint with a rubber mallet to activate the click system.



4. SECOND ROW

- Cut the first plank of this row 25 cm shorter than the first plank of the previous row, to create a brickwork pattern.
- Fit the long side into the groove of the first row.
- Continue installing the rest of the planks, repeating the procedure.

Practical tips and advices



- Before installation, separate the planks by batches into different piles.
- Mix units from different batches for a more natural finish.
- Avoid direct sun exposure to the planks during installation.
- Do not attach skirting or transitions to the planks.
- Keep some extra units for potential future replacements in case of accidental damage.
- To dismantle planks:
 - Start from the long side, lifting slowly with both hands.
 - Unhook the short side by sliding the plank.
- In case of an error or damage, it is recommended to replace the entire row.

5.3.2. SPECIFIC CASE:

ACOUSTIC

*Silent, Underlay, Optifoam & Impulse Absorbents

PAVIGYM acoustic solutions are designed to be installed **independently on rigid surfaces**. The combination of different acoustic systems should be evaluated beforehand, as it may compromise the **overall structural stability**. In case of doubt, **prior technical approval is required**.

Recommended tools:

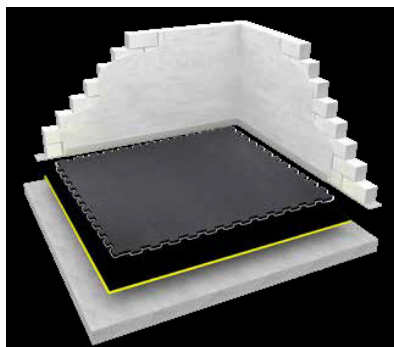
- Cutter
- Square

Installation of ACOUSTIC - Silent

1. Place the rolls with the **yellow side facing down** (in contact with the subfloor) and the black side facing up (visible). To facilitate installation, place weight on the ends.
2. If necessary, join the rolls together with appropriate adhesive tape to prevent shifting.
3. Make the necessary cuts with a cutter where the rolls meet walls, columns, or other structural elements.



Very important: Always leave a 2 cm gap from walls and structural elements. This is essential to ensure effective acoustic insulation.



Once the Pavigym Acoustic Silent is installed, the Pavigym Acoustic Underlay layer can be applied.

Installation of ACOUSTIC-Underlay

1. Lay all 100x100 tiles, placing them edge-to-edge without adhesive.
2. Make the necessary cuts with a cutter where the tiles meet walls, columns, or other structural elements.



Very important: Always leave a 2 cm gap from walls and structural elements. This is essential to ensure effective acoustic insulation.

Once the Pavigym Acoustic Underlay layer is installed, proceed with the top layer installation.

Installation of ACOUSTIC-Optifoam

Regardless of the chosen Optifoam version, the installation steps should be followed in the same manner.

1. Lay all 200x100 tiles, placing them edge-to-edge without adhesive
2. Make the necessary cuts with a cutter where the tiles meet walls, columns, or other structural elements.



Very important: Always leave a 2 cm gap from walls and structural elements. This is essential to ensure effective acoustic insulation.

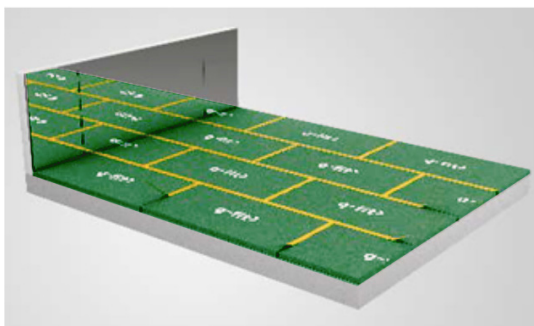
Once the Pavigym Acoustic Optifoam layer is installed, proceed with the top layer installation.

Installation of ACOUSTIC- Impulse (polyurethane insulation layers)

Available Insulatino layers:

- Impulse Essential – thickness 12,5mm
- Impulse Mid – thickness 25mm

1. Cover the entire surface with the tiles, alternating the transverse joints.
2. Install the tiles edge-to-edge without adhesive, starting from one of the walls.
3. Make the necessary cuts with a cutter where the tiles meet walls, columns, or other structural elements.



Very important: Always leave a 2 cm gap from walls and structural elements. This is essential to ensure effective acoustic insulation.

4. Sealing: Once all pieces are in place, seal the joints with insulating tape to prevent movement.

Once the Pavigym Acoustic Impulse layer is installed, proceed with the top layer installation. In all cases, an intermediate layer of Pavibasic CT is required:

- For Impulse Essential: minimum thickness of 15 mm
- For Impulse Mid: minimum thickness of 20 mm

This layer should not be glued to the base or the insulation layer.

5.3.3. SPECIFIC CASE: **BigJag & Jag** ACOUSTIC FLOORING

BigJag and Jag acoustic tiles are designed to be installed independently on a rigid surface. They do not incorporate a click system (chequerboard pattern), so they require a specific layout.



Important: Any combination of these tiles with other acoustic solutions must be evaluated and approved by the PAVIGYM technical team in advance, as it could compromise the system's stability.

In the case of BigJag, to avoid sinking or deformation, do not place the legs of sports equipment near the perimeter of the tiles.

Recommended tools:

- Jigsaw with Bosch T101D blade
- Square

Installation of BigJag and Jag

1. INITIAL LAYOUT

- Establish the reference axes as indicated in section 5.1.1.

2. LAYOUT PATTERN

- Since these tiles do not have a chequerboard pattern, the installation should be done in a brickwork pattern.
- On surfaces smaller than 20m², cross-laying is allowed, subject to technical validation.

3. PERIMETER EXPANSION JOINT

- Leave a 10mm expansion joint around the entire perimeter of the room, including columns and structural elements, to avoid acoustic bridges.

4. INSTALLATION OF PERIMETER TILES

- Place the perimeter tiles last, once the central area installation is complete.

5. VISUAL INSPECTION

- Before making final cuts or finishing the perimeter, visually inspect the result, and if necessary, swap tiles to improve the uniformity of the finish (colour, shine, texture).

6. PERIMETER STABILISATION

- Although adhesive is not required for the general area, it is recommended to apply adhesive between the perimeter tiles. This prevents accidental displacement, ensures proper sealing of the perimeter joint, and avoids the formation of acoustic bridges.

5.3.4. SPECIFIC CASE:

Pavibasic Solid Pro tiles are designed for precise installation without a click system (chequerboard pattern), requiring controlled and aligned placement to ensure aesthetic uniformity and mechanical stability.

Recommended tools:

- Jigsaw with Bosch T101D blade
- Square
- Cutter



Important: Tiles with a thickness less than 20mm require adhesive installation. For this, follow the instructions in section 5.4.

Installation of PAVIBASIC Solid Pro

1. INITIAL LAYOUT

- Establish the reference axes as indicated in section 5.1.1.

2. LAYOUT PATTERN

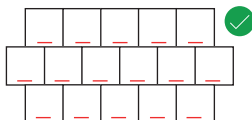
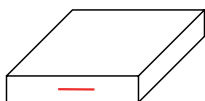
- Since these tiles do not have a chequerboard pattern, the installation should be done in a brickwork pattern.
- On surfaces smaller than 20m², cross-laying is allowed, subject to technical validation.

3. PERIMETER EXPANSION JOINT

- Leave a 5-10mm expansion joint around the entire perimeter of the room, including columns and other vertical structural elements.

4. VISUAL ORIENTATION

Pavibasic Solid Pro tiles feature a mark on the side edge indicating the direction of the visual pattern. All tiles should be placed following this reference to achieve a uniform finish.



5. PERIMETER TILE INSTALLATION

- Place and adhere the perimeter tiles last, once the central area installation is complete.

6. VISUAL INSPECTION

- Before making final cuts or finishing the perimeter, visually inspect the result, and if necessary, swap tiles to improve the uniformity of the finish (colour, shine, texture).

7. PERIMETER STABILISATION

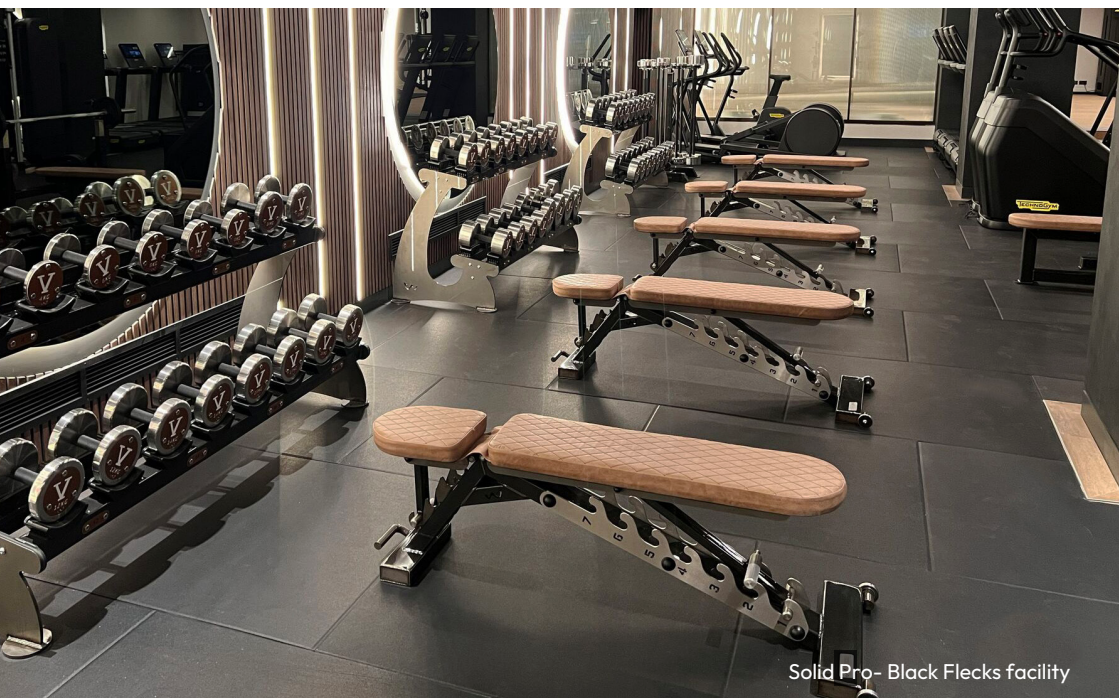
- Although adhesive is not required for the general area, it is recommended to apply adhesive between the perimeter tiles. This prevents accidental displacement, ensures proper sealing of the perimeter joint, and avoids the formation of acoustic bridges.



Important: Solid Pro tiles require cleaning before use to remove the protective layer. For instructions on cleaning, please refer to:



<https://www.documentation.pavigym.com/wp-content/uploads/documents/generic/cleaning-and-installation/manual-cleaning-en.pdf>



5.4. GLUED DOWN FLOORING

Glued down flooring requires controlled adhesive application to ensure a durable bond between the product and the substrate. This method is **essential for products with straight cuts and a thickness of less than 20mm and/or in areas without perimeter containment.**

Recommended tools:

- Measuring tape
- Laser distance meter
- Marking pencil
- Tracer pen
- Cutter
- Ruler for measuring and cutting
- Rubber mallet or roller
- Screwdriver kit (cross-head and flat-head)
- Hygrometer
- A2 V-notched trowel



Related products:

Pavigym:

- **Pavigym Traffic**
(see section 5.4.1)
- **Pavigym Turf**
(see section 5.4.3)
- **Pavigym Turf + Shock Pad** (see section 5.4.4)

Pavibasic:

- **Pavibasic Rec Rub**
(see section 5.4.2)
- **Pavibasic Turf**
(see section 5.4.3)
- **Pavibasic Turf + Shock Pad** (see section 5.4.4)
- **Products with straight cut starting from 20mm thickness:** CT15, Solid Pro 10/ Solid Pro 15, etc.

General Installation Procedure

1. PREVIOUS VERIFICATION

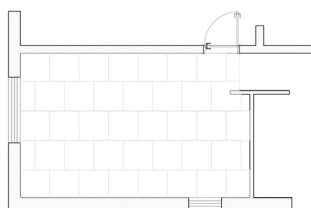
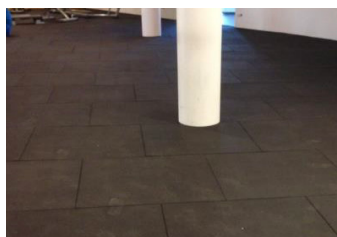
- Check the colour, uniformity, and overall condition of the tiles before adhering them to the substrate.

2. SURFACE EVALUATION

- Before applying the adhesive, verify if the surface requires priming, especially if it is porous or highly absorbent.

3. PLACING THE FIRST TILE

- Mark the position of the first tile, establishing reference axes as indicated in section 5.1.1.
- The remaining tiles should be installed following a brickwork pattern (half-tile staggered) for better visual and mechanical stability.



4. ADHESIVE APPLICATION

- Apply the adhesive only to the area of the first four tiles.
- Respect the waiting time specified by the adhesive manufacturer (between 10 and 30 minutes), depending on the surface, temperature, and type of substrate.
- Continue applying adhesive in sections and install the tiles in consecutive rows, starting from the initial tile, checking the reference axes periodically.
- Press the tiles onto the adhesive to ensure uniform contact with the substrate.

5. FINAL VERIFICATION

- Before making final cuts or finishing the perimeter, visually inspect the installation. If anomalies are detected, it is recommended to swap the tiles to optimise the visual uniformity of the room (colours, reflections).

6. INSTALLATION OF PERIMETER TILES

- Place and adhere the perimeter tiles last, once the central area installation is complete.



TECHNICAL NOTE

In “island-style” installations or without perimeter containment, even when the tiles are thicker than 20mm, it is recommended to apply adhesive to the perimeter tiles to prevent shifting.



ADDITIONAL CONSIDERATIONS

- Do not place machinery, equipment, or loads on the floor until 24 hours after installation.
- Do not clean or expose the flooring to liquids until the adhesive is fully cured.

Adhesive Theoretical Performance

The indicated values are approximate and may vary depending on the substrate's condition, geometry, and the installer's technique.

PU ADHESIVE		
PRODUCT	NON-POROUS SURFACE	POROUS SURFACE
Pavigym Turf (indoor)	1,25 m ² /kg	0,75 m ² /kg
Pavigym Turf (outdoor)	2 m ² /kg	1,5 m ² /kg
Pavigym Traffic	1,25 m ² /kg	0,75 m ² /kg
Pavibasic Turf (indoor)	1,25 m ² /kg	0,75 m ² /kg
Pavibasic Turf (outdoor)	2 m ² /kg	1,5 m ² /kg
INDOOR ADHESIVE		
PRODUCT	NON-POROUS SURFACE	POROUS SURFACE
Pavigym Traffic	3 m ² /kg	n/a
Pavigym Turf (indoor)	3 m ² /kg	1,5 m ² /kg
Pavibasic Turf (outdoor)	3 m ² /kg	1,5 m ² /kg
Pavibasic CT	1,25 m ² /kg	0,75 m ² /kg
Pavibasic Solid Pro	1,25 m ² /kg	0,75 m ² /kg
Pavibasic Rec Rub	1,25 m ² /kg	0,75 m ² /kg

5.4.1. SPECIFIC CASE:

Pavigym TRAFFIC requires adhesive installation, following an organised and precise pattern to ensure correct bonding to the subfloor.

General Installation Procedure

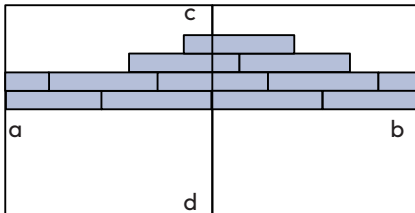
1. INITIAL PLACEMENT

- Begin with the first tile, carefully aligning it with the marked reference line (see section 5.1.1).

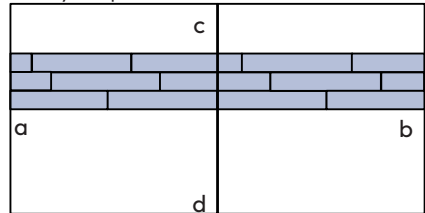
2. LAYOUT PATTERN

- Continue installation in consecutive rows or, if preferred, using a pyramid pattern.
- Ensure that no gaps are left between adjacent tiles.

Pyramidal pattern



Row by row pattern



3. ADHESIVE BONDING

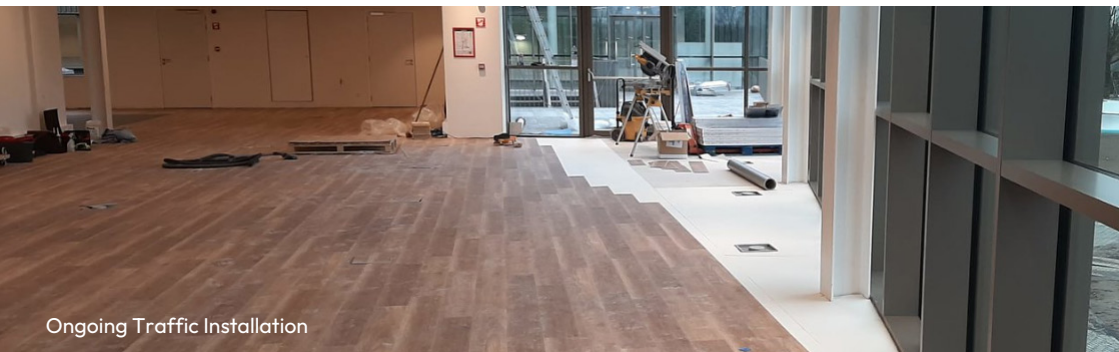
- Ensure each tile is perfectly set on the adhesive, applying uniform pressure during installation.

4. FINAL ROLLING

- Once the entire surface is installed, use a pressure roller, applying light and constant force to ensure full adhesion of the flooring to the substrate.

5. FINAL INSPECTION

- Visually inspect the installation to ensure there are no anomalies, gaps, or shifts between tiles.



5.4.2. SPECIFIC CASE:

Pavibasic REC RUB comes in rolls and requires adhesive installation. Proper orientation and adhesive pressure are essential to avoid defects and ensure a uniform surface.

General Installation Procedure

1. INITIAL LAYOUT

- Unroll the rolls over the area to be covered to define their placement.
- If there are interferences with structural or decorative elements (columns, pillars, corners), cut the material along the contour to maintain the silhouette of the element.

2. ADHESIVE APPLICATION

- Temporarily remove the rolls.
- Apply the adhesive evenly over the surface using an A2 trowel.
- Carefully place the rolls back over the glued area.

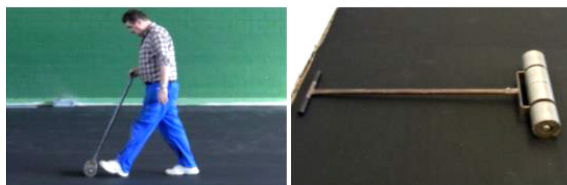


3. MATERIAL ORIENTATION

- Verify that the rolls are installed with the correct side up.
 - The underside can be identified by an adhesive label.
- Align the rolls in the same direction.
- Place the edges without overlap and without leaving gaps between adjacent pieces.

4. FIXATION AND ROLLING

- With the rolls in place but before the adhesive has fully cured, apply uniform pressure with a roller over the entire surface. This eliminates air bubbles and ensures full contact with the substrate.



- Any excess adhesive that rises to the surface should be immediately removed by thoroughly cleaning the affected area to prevent stains or permanent residues.

5. ADHESIVE CURING

- Do not walk on the surface until the adhesive is fully cured, following the times specified by the manufacturer.

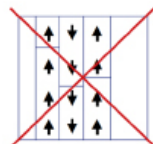
5.4.3. SPECIFIC CASE: &

Both Pavigym Turf and Pavibasic Turf (artificial grass) come in rolls and require precise installation to ensure a uniform finish, adequate drainage, and maximum durability, both indoors and outdoors.

Pre-installation Phase

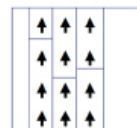
1. UNROLLING AND ORIENTATION

- Unroll the rolls over the area to be covered.
- Ensure that the fibres are oriented in the same direction across all pieces.
- An incorrect orientation may cause noticeable visual variations under natural or artificial light.



2. PERIMETER ADJUSTMENT

- In case of interference with structural elements (pillars, furniture, etc.), cut the material following the contour of the object to maintain a clean silhouette.



Outdoor Installation

The installation surface must be level and firm, ensuring water drainage. For outdoor installations, two scenarios may arise when placing TURF:

- On concrete slab:
 - The surface must be flat, firm, and have a minimum 2% slope to ensure drainage of rainwater.
 - Any bumps or irregularities must be repaired before installation to prevent visible deformations in the final finish.
- On existing floor / natural ground:
 - Remove any existing grass or vegetation.

- To facilitate drainage and surface stability, prepare a gravel + sand mix base approximately 15 cm thick.
- Compact and level the surface with a roller to avoid visible irregularities after installation.
- Place a geotextile mat to prevent future vegetation growth.

Once the surface is prepared, proceed with the roll installation.

TURF 11 mm & 16 mm

1. EDGE CUTTING (TRIMMING)

- Unroll the first roll, and before installing the next, cut a straight line along the edges, following the direction of the stitching—never crossing them—from the back, as close as possible to the line of the longitudinal stitches. This will facilitate precise alignment with the next roll.



2. JOINING ADJACENT ROLLS

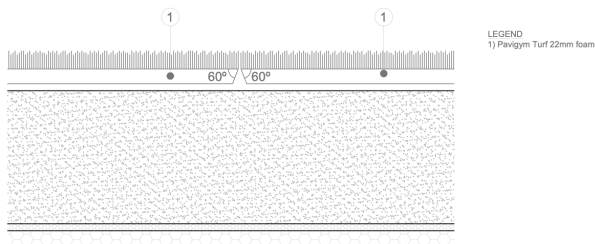
- When installing several TURF rolls contiguously, they should be joined with a joining strip.
- Cover the surface with the required TURF rolls.
- Lift the edges of each roll by approximately 15 cm.
- Place the joining strip centred between both rolls (never adhered to the floor).
- Using a notched trowel, apply polyurethane adhesive to the joining strip and press the edges down to seal the joint.
- The polyurethane adhesive should be thick enough to avoid migrating to other areas of the TURF while drying.
- To ensure better adhesion, walk slowly over the joint or place temporary weight (e.g., silica sand bags) during the drying time specified by the manufacturer.



TURF 22 mm (with foam)

1. EDGE PREPARATION

- Cut the perimeter foam at an angle to achieve a clean finish.



2. ROLL INSTALLATION

- Ensure there are no gaps or overlaps between contiguous rolls (see detail below).

3. PARTIAL FIXATION TO SUBFLOOR

- Do not glue the entire surface.
- Apply polyurethane adhesive with an A2 notched trowel, discontinuously along the perimeter, allowing drainage through adhesive points.
- In all cases, apply intermittent adhesive lines 15 cm wide, from the sides of each piece, spaced 1 meter apart.
- Do not use double-sided tape as a fixing method.

4. DRAINAGE

- Drill drainage holes across the entire surface with a 6mm drill bit, spaced approximately 10 cm apart, to ensure water evacuation.

5. COMPLETION

Once the TURF system installation is complete:

- Apply uniform pressure with a roller over the entire surface to settle the material.
- Do not walk or handle the turf until the adhesive has fully cured, following the manufacturer's specified curing times.



Indoor Installation

(Applicable to TURF 11 mm, 16 mm, and 22 mm)

The installation surface must be level and firm. For this, the guidelines outlined in sections 2 (Subfloor Verification) and 3 (Recommended Adhesives) of this manual must be followed.

1. PRELIMINARY PREPARATION

- Unroll the TURF rolls over the designated area for installation and verify their orientation and general conditions.

2. ADHESIVE APPLICATION:

- Lift half of the roll and apply adhesive across the entire surface of the substrate using an A2 notched trowel.
- Be careful not to apply excess adhesive.
- Once the recommended drying time by the manufacturer has passed (usually between 10 and 30 minutes), carefully adhere the roll to the substrate.
- Repeat the operation with the other half of the roll.

3. FINAL SETTLING

- Once placed, roll over the entire surface to ensure the pressure eliminates wrinkles, air bubbles, or imperfections.



No joining strips are used between rolls for indoor installations.

Important Notes – Applicable to both indoor and outdoor installations

- When installing contiguous TURF 22 mm custom (with foam) rolls, it must be noted that edge trimming precision may not be perfect. As a result, the joints may be visible.
- It is recommended to limit the installation to a maximum of 2 contiguous rolls of this product to preserve the aesthetic quality of the final result.



5.4.4. SPECIFIC CASE: TURF + SHOCK PAD

In applications where Pavigym or Pavibasic TURF is installed in combination with a separately supplied shock-absorbing layer (Shock Pad), it is essential to follow the correct order of installation, starting with the shock pad, to ensure the stability and performance of the overall system.

Installation Procedure

1. SHOCK PAD INSTALLATION

- The Shock Pad must be the first layer installed, whether indoors or outdoors.
- The surface must be previously prepared in accordance with the instructions given in sections 2 and 3.
- The Shock Pad must be fixed to the subfloor using adhesive, following the same application guidelines described in the corresponding section for Turf installations indoors (p. 31) or outdoors (p. 30), as applicable.
- For the calculation of adhesive coverage in this application, the porosity of the subfloor must be taken into account (see table of theoretical adhesive performance on page 25).

2. TURF FIXING

- Once the Shock Pad is fully unrolled and settled, TURF should be applied directly on top using adhesive across the entire surface.
- For the calculation of adhesive coverage in this application, the usual theoretical adhesive yield on non-porous surfaces will be considered.

Consideration for Outdoor Installations:

If the TURF + Shock Pad system is installed outdoors, it is essential to perforate the Shock Pad layer to ensure efficient water drainage:

- Use a 6mm drill bit.
- Drill holes spaced approximately every 10 cm across the surface.



Installation of Pavigym Connect

Pavigym CONNECT is the first modular flooring system with integrated electrical connectivity solutions. Its installation must be performed precisely to ensure the proper functioning of the system and a professional aesthetic finish.

We recommend a prior technical visit to the site to verify the actual measurements and the location of structural elements and electrical sockets that might interfere with the distribution of the CONNECT area.

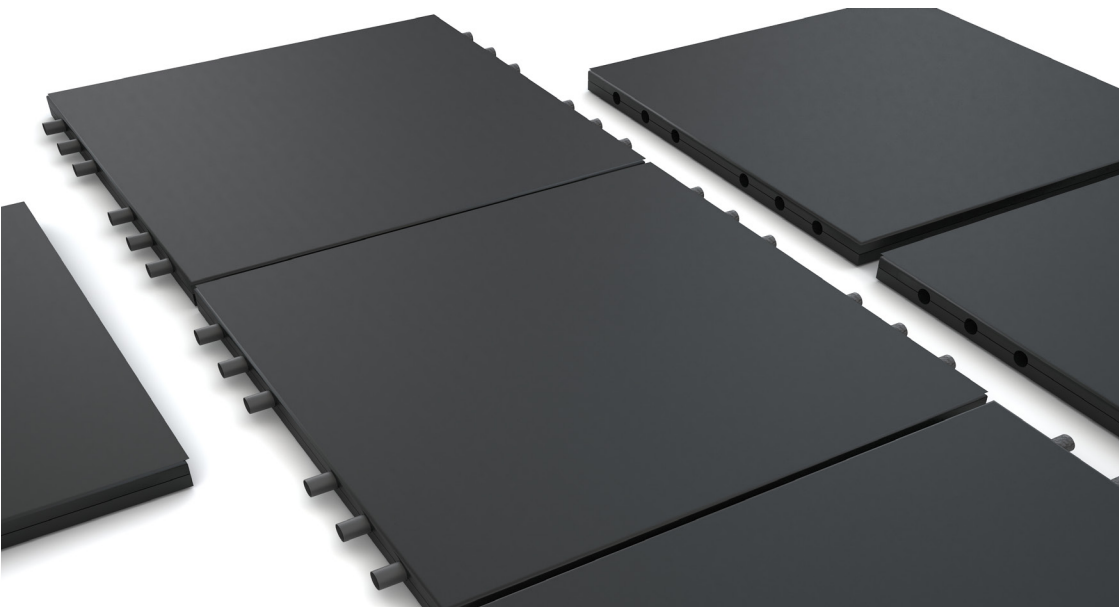
Pavigym CONNECT is made up of two types of tiles designed to integrate with each other:

- **HUB Tile:** Acts as the central electrical connection point. It includes internal channels-cable trunkings- and a rubber top cover.
- **CONNECT Tile:** Modular tiles that physically and electrically connect with each other via integrated connectors.

This system enables safe and organised wiring distribution for cardio machines, ensuring a clean, functional, and easily accessible finish.



Pavigym Connect does not require adhesives to be installed.



Installation Procedure

Regardless of the Pavigym CONNECT layout — whether it's a wall-side zone, an island-style setup, or a fully covered room — installation must always begin from the HUB tile, located at the origin point of the wiring to be distributed through the flooring system.

1. INSTALLATION OF THE CABLE TRUNKINGS

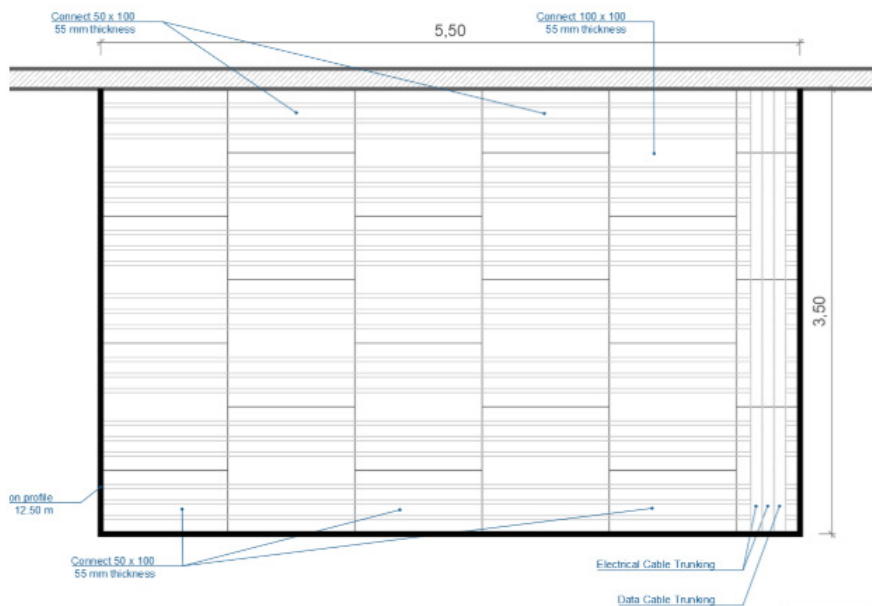
- Once the wiring origin point has been identified, install the required cable trunkings, starting from the electrical connection point and following the necessary path to reach the CONNECT installation area.
- Screw the cable trunkings into the subfloor.

2. PLACEMENT OF THE HUB TILE BASE PIECES

- Place the two lower rubber parts that form the HUB tile — one on each side of the cable trunking assembly — ensuring the trunking is precisely positioned to allow the wiring to divert into the CONNECT tiles. The trunking must be aligned to let the wiring continue perpendicularly.
- Add as many lower parts as needed until the area to be covered with HUB tiles is complete.

3. INSTALLATION OF THE CONNECT TILES

- Starting from the HUB tile row, install the remaining CONNECT tiles in parallel, following a half-tile staggered pattern (brick layout) to ensure greater visual stability.
- Join the tiles using their integrated connectors.
- For proper connector engagement:
 - Place both tiles in position.
 - Press down simultaneously until all six connection points lock securely.





Do not force or stretch the tiles. If significant pressure is required, there may be a positioning error in the previous rows.

4. PERIMETER INSTALLATION

- Install ramps or edge tiles at the end, maintaining a 5–10 mm expansion gap along the entire perimeter and around columns or other fixed elements.



IMPORTANT: For island-type installations without ramps, the perimeter tiles must be fixed using double-sided adhesive tape.

5. SYSTEM CLOSURE

- Finish by covering the HUB tile with the top rubber lid.

6. EDGE PROFILES

- In island zones or areas without fixed perimeter containment (e.g., isolated spaces next to walls), we recommend placing a suitable metal edge profile along the exposed tile sides.

7. ELECTRICAL CONNECTION

- The electrical system must be connected exclusively by a qualified electrician, in compliance with local regulations.

To assist with this process, PAVIGYM has developed a dedicated technical manual with detailed instructions on wiring and connection through the Pavigym Connect tiles, available here:

<https://www.documentation.pavigym.com/wp-content/uploads/documents/products/connect/pg-con-user-manual-en.pdf>



The electrician must use the supplied template to correctly position the sockets over the internal corrugated tubes and follow the installation plan included with the order to ensure proper connection between machines and the electrical circuit.

7 Fitting flooring accessories

This section includes instructions for the correct placement of transitions, finishes, and skirting, ensuring a functional, safe, and visually consistent finish.

7.1. TRANSITIONS AND TRIMS

Recommended tools:

- Measuring tape
- Laser distance meter
- Marking pencil
- Tracer pen
- Cutter
- Ruler for measuring
- Ruler for cutting
- Rubber mallet or roller
- Screwdriver kit (cross-head and flat-head)
- A2 V-notched trowel
- Drill (minimum power 650W) and drill bits (5mm, 6mm, 8mm)
- Automatic screwdriver with bit set
- Metal cutting saw
- Silicone gun
- Electric mitre saw

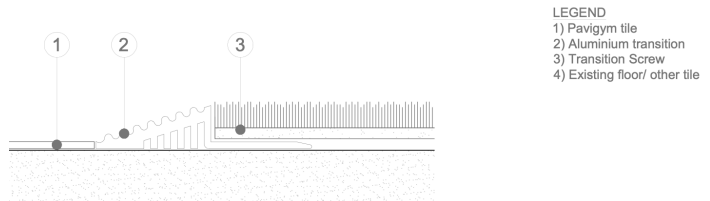
Preliminary Considerations

- Verify the condition and dimensional compatibility of the transitions before installation.
- Ensure a suitable expansion gap is left before proceeding with the installation of any transitions.

7.1.1. PVC RAMP FOR TURF

In most areas where TURF is installed, a PVC transition ramp is required. It's especially recommended in areas where TURF creates a height difference.

- Cut and adapt the PVC ramp to compensate for the height change between TURF and the adjacent flooring.



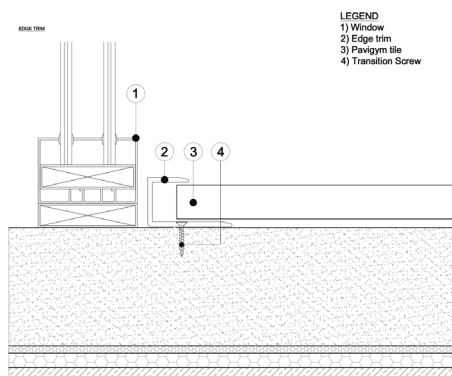
7.1.2. SELF-MATERIAL TRIM: RAMPS & CORNERS

- All our flooring options come with perimeter trims made of the same material.
- For proper installation, remove the protective adhesive from the base of the trim and fix it to the floor.



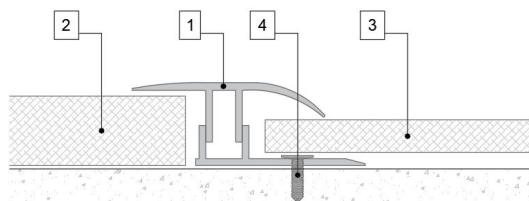
7.1.3. TRIM FLOORING PROFILE (TYPE U)

- Place the profile with the wider side aligned with walls or window frames if applicable.
- Screw this wider side to the floor.
- Insert the tiles into the profile, leaving a 5mm tolerance for expansion.



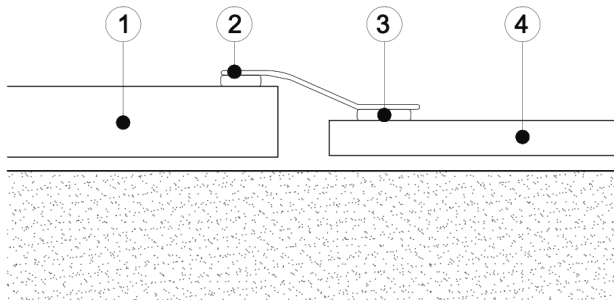
7.1.4. 2-PIECE TRANSITION PROFILE

- Screw or clip the base profile to the floor. In the case of radiant floors, apply adhesive with a two-component adhesive.
- Adapt the thinner tiles that overlap the base profile, always leaving sufficient tolerance to form the expansion joint.
- Carefully insert the top profile, placing it in its final position before joining both parts with soft and controlled hammer blows (do not strike directly with a hammer, use a wooden profile with felt for cushioning or a rubber mallet).



7.1.5. SELF-ADHESIVE TRANSITION PROFILE (1-PIECE, USE FOR DOORS)

- Clean the installation surface thoroughly.
- Remove the adhesive protector covering the profile.
- Adapt the thinner tiles that overlap the base profile, leaving enough tolerance to form the expansion joint.
- Press firmly downward to secure the profile along its entire length.



LEGEND

- 1) Pavigym tile
- 2) Aluminium door transition
- 3) Adhesive seal
- 4) Existing floor/ other tile

7.2. BASEBOARD

Recommended tools:

- Measuring tape
- Laser distance meter
- Marking pencil
- Cutter
- Ruler for measuring
- Ruler for cutting
- Automatic screwdriver with bit set
- Metal cutting saw
- Silicone gun
- Electric mitre saw



Installation Procedure:

- Check the wall for flatness to ensure even contact.
- Visually inspect the baseboard before installation.
- Cut and join the pieces using mitre joints, and fix the baseboard to the wall using K-500 adhesive or nails, depending on the type of subfloor.
- Apply silicone in the same colour as the baseboard to cover any open joints. Check the overall finish of the baseboard.
- It is essential to avoid direct contact with the tiles, ensuring that the baseboard does not press against them, in order to allow free expansion.

8 Cleaning

Maintaining the floor in optimal cleaning conditions is essential to preserve its performance, appearance, and durability.

PAVIGYM recommends performing periodic cleaning to avoid dirt accumulation, surface abrasion, and premature material wear.

Initial Cleaning Required for Certain Products

Some PAVIGYM products come with a protective surface film that must be removed before first use through an initial cleaning process.

This cleaning is mandatory for the following products: :

- Pavigym Motion
- Pavigym Performance+
- Pavigym Endurance
- Pavigym Endurance S&S
- Pavigym Balance (with embossed surface finish)
- Pavigym Connect (with embossed surface finish)
- BigJag (with embossed surface finish)
- Pavibasic Solid Pro



Important: This layer can affect the adhesion of cleaning agents and cause slippage if not properly removed.

Cleaning instructions

Please refer to the official PAVIGYM cleaning manual for detailed procedures, recommended products, and suggested frequencies:

<https://www.documentation.pavigym.com/wp-content/uploads/documents/generic/cleaning-and-installation/manual-cleaning-en.pdf>



9 Recommendations

AFTER INSTALLATION

- Never use black rubber protection on chairs, furniture, or machine legs.
- Use plastic or colourless rubber pads (to avoid colour transfer).
- Place mats in access areas.
- DO NOT use sanding discs, abrasive brushes, or steam vacuums on our floors. Never carry out repairs to the room without first adequately protecting the floor.
- AVOID spilling acids (toilet cleaning products, juices, vinegar, or alcoholic beverages), alkaloids (bleach, cleaning products with butyl), or petrochemicals (oil-based cleaners, greases, solvents, or abrasive components) on the floor.

HEAVY MACHINERY MOVEMENT

- When moving heavy machinery on PAVIGYM floors, keep in mind that small wheels are designed for use on floors that are completely firm and non-flexible. Therefore, heavy machinery should be moved using pallet trucks or trolleys with inflatable wheels (or manually, if possible).
- Avoid dragging machinery over PAVIGYM floors without protection.
- To prevent scratches or any permanent damage to the floor, use appropriate protection beneath furniture and machinery.

SPORTS EQUIPMENT INSTALLATION

Any equipment that, due to training, may cause movements that damage the floor must be anchored to the subfloor.

STATIC ELECTRICITY

- Under certain conditions, during installation and for several days after installation, there may be slight static electricity resulting from the nature of the floor.
- To manage this, add Jontec Destat to the cleaning water. For more instructions or queries about other anti-static detergents, please write to us at support@pavigym.com.

SPORTS FOOTWEAR

- PAVIGYM floors have been designed to be used with sports footwear. The use of regular shoes or heels may damage the floor.

ODOURS

- New tiles may emit a slight smell. With proper ventilation and post-installation cleaning, the odour will disappear within 1 to 2 weeks.

HEAT SOURCES

- Leave a free space of at least 50 cm above the PAVIGYM surface.
- Use thermal insulation to prevent the temperature from exceeding 40°C.

10

Support and contact

For any technical queries, installation requests, or additional documentation, the PAVIGYM team is at your disposal.

TECHNICAL ASSISTANCE



Email: support@pavigym.com



Direct phone (technical assistance): +34 966 336 080



Hours of operation: Monday to Friday, from 9:00 to 17:00 (CET)



Languages of assistance: Spanish / English / French

PAVIGYM WEBSITE

Visit our website for access to catalogues, certificates, videos, and the latest updates:



www.pavigym.com



info@pavigym.com

www.pavigym.com

