



PAVIGYM INSTALLATION.

PAVIGYM CORPORATION.

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"YOU HAVE TO EXPECT THINGS OF YOURSELF
BEFORE YOU CAN DO THEM."

- MICHAEL JORDAN -

OUR COMMITMENT.



PAVIGYM™ is more than just flooring. It is a way of shaping space, a way of enhancing sports performance, of offering improved safety and comfort in sports, a way of transforming people's energy and helping them to enjoy a healthier lifestyle.

PAVIGYM™ flooring solutions have been manufactured in compliance with the highest quality standards regarding materials and processes. Furthermore, each shipment is subjected to thorough inspection. This is the commitment of PAVIGYM™ and Protective Comfort Group/Pemarsa.

In order to ensure an optimum floor performance, the installer must carry out a proper floor installation, taking into account the instructions and recommendations provided in this guide.

PAVIGYM™ flooring solutions have been designed for use in indoor sports facilities, where appropriate equipment shall be used.

PAVIGYM™ reduces injury risks, but does not eliminate them. Proper installation and maintenance is required in order to ensure optimum performance.

PAVIGYM™ always recommends caution while practicing sports.

PAVIGYM™ assumes no responsibility for any accidents or injuries whatsoever resulting from the practice of any sports activity on our flooring products.

Enjoy the extraordinary performance of PAVIGYM™ flooring solutions.

Please let us know your impressions and comments at:

support@pavigym.com

For further information on our products and services, please visit our web site www.pavigym.com or contact your local distributor.

Thank you for choosing PAVIGYM™!

**CONTACT
OUR
SERVICE
DEPARTMENT:**

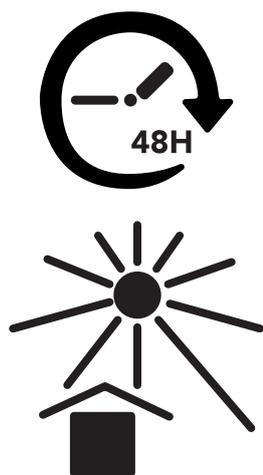




PREVIOUS RECOMMENDATIONS.

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY BEFORE INSTALLING YOUR FLOORING SOLUTION.

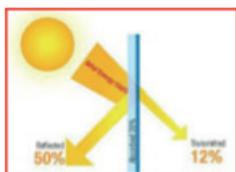
In order to ensure correct installation, it is essential to observe all the provided instructions. Please contact your local distributor in case you are unable to comply with any of them, in order to find a way to minimize or prevent possible negative consequences.



- Prior to installation, **tiles must be site-conditioned** for at least two days (48 hours) at the average room temperature at which they will be used.
- **Store the product indoors.** Keep tiles away from direct solar radiation, as it can cause dimensional and color alterations.
- **Check** tile interlocking, colors and general appearance **BEFORE installation.**
- Please **report** any anomaly found to your local distributor or to our email support@pavigym.com before proceeding. Once installed, products will not be reimbursable.

For further information check our warranty conditions at the end of this manual.

ROOM PREPARATION.



- **Install PAVIGYM™ after concluding** any brickwork, plumbing, electric, air conditioning, glazing, painting and any other work that could wear or damage the flooring.
- **Protect from direct sunlight or any other heat source** that could cause temperatures above 40°C in the flooring solution. Install protective film on your windows and save energy all year long. Visit www.3M.com and go to the solar window film section for more information. Ask for an official 3M installer to ensure the quality of the installation.
- **PAVIGYM™ should be installed between 15°C and 25°C.** Ideally, installation should take place at the temperature the room will be used at, in to avoid temperature differences between the recently installed product and the product once in use.

GLUED PRODUCTS.



NON-GLUED PRODUCTS.



2. ^{*}
TWOPOINTZERO

3. ^{*}
THREEPOINTZERO



* Not glued if ENDURANCE, ENDURANCE S&S, EXTREME, EXTREME S&S



SUBFLOOR PREPARATION.

DRY LAY SOLUTIONS (NON-GLUED).

RELATED PRODUCTS:



CONCRETE BASED SUBFLOORS:

DRY: Subfloor must be dry. A good reference for the humidity is a maximum of 3.5% MC (measured with a surface moisture meter).

FLAT: Polished concrete, well-placed self leveling compound on a concrete floor or sand-cement based subfloors are very good solutions. A maximum level variation of 5mm / 3m should be your reference. If your subfloor requires a screed, contact an official installer from Thomsit, Uzin, Sika, Bostik, Mapei or other brands in your region.

CLEAN: No remnants of plaster. Brush or vacuum the subfloor carefully just before installation.

RAISED WOODEN AND COMPUTER FLOORING:

SOLID: A strong wooden structure with a minimum of 18mm hardboard on top. The less it vibrates, the better. Not solid or vibrating subfloors, as they make it difficult to interlock the tiles properly. In case of computer raised floors, follow manufacturer instructions regarding the stability of the structure beneath.

FLAT: Hardboards or computer raised tiles have to be placed on the same level, and left flush. Differences and joins between the edges will mark the flooring in the long term. We recommend using plywood, OSB or other hardboard types with tongue & groove (T&G) edges.

CLEAN: No remnants of plaster or sawdust. Brush or vacuum the subfloor carefully just before installation.

NOTES:

1. Take into account that wooden subfloors will suffer from color deviation if you remove the PAVIGYM™ flooring after a significant period of time.
2. Before installing, ensure that the subfloor is free from moisture or condensation problems. Should any problems exist, use a waterproof coating before installing PAVIGYM™.
3. PAVIGYM™ cannot be installed dry lay on subfloors fitted with radiant heating. Check section "Glued Solutions" in this chapter for the correct subfloor installation instructions. The installation of PAVIGYM™ on subfloors with radiant heating must ALWAYS be with glue.
4. PAVIGYM™ is not intended for use on top of carpet or elastic surfaces, as they will cause defective tile interlocking.

Should you have any doubts, please contact our Customer Service Department via email at: support@pavigym.com

GLUED SOLUTIONS.

RELATED PRODUCTS:



CONCRETE BASED SUBFLOORS:

- All surfaces to be bonded to should be dry (max. 3.5% MC), absorbent, smooth, sound and clean. Subfloors should also be free from wax, grease, polish, paint, previously used adhesives, and hydrostatic pressure.
- All concrete floors should be tested for moisture content in accordance with local standards prior to the undertaking of subfloor preparation and adhesive application.
- Should subfloor preparation be required, appropriate products like Thomsit, Uzin, Sika, Bostik or Mapei should be used.
- The minimum subfloor temperature before commencing surface preparation and adhesive application should be 10°C or more, and the maximum relative humidity (air) should not exceed 70% (check data sheet of the adhesive manufacturer).

RAISED WOODEN AND COMPUTER FLOORING:

SOLID: A strong wooden structure with a minimum of 18mm hardboard on top. The less it vibrates, the better. Not solid or vibrating subfloors, as they make it difficult to interlock the tiles properly. In case of computer raised floors, follow manufacturer instructions regarding the stability of the structure beneath.

FLAT: Hardboards or computer raised tiles have to be placed on the same level, and left flush. Differences and joins between the edges will mark the flooring in the long term. We recommend using plywood, OSB or other hardboard types with tongue & groove (T&G) edges.

CLEAN: No remnants of plaster or sawdust. Brush or vacuum the subfloor carefully just before installation.

DRY: Make sure that the subfloor is free from moisture or condensation problems, and use only materials that were stored indoors. Request more info from your local distributor or the subfloor manufacturer if doubts persist.

NOTES:

1. PAVIGYM™ is not intended for use on top of carpet or elastic surfaces, as they will cause defective tile interlocking.
2. We strongly recommend you carry out an on-site test with the exact combination of the intended subfloor preparations and glues BEFORE commencing the PAVIGYM™ installation, in order to ensure the quality of the installation and the performance of the product.
3. PAVIGYM™ can be used with underfloor heating systems. The protocol of the underfloor heating system needs to be executed in accordance with the directives of the supplier. Turn off the heater for 24 hours before installing PAVIGYM™.
4. Do not turn on again until at least 48 hours after installation, in phases of a maximum of 5° C water temperature per day.

Should you have any doubts, please contact our Customer Service Department via email at: support@pavigym.com



ADHESIVE RECOMMENDATIONS.

We have tested the available global adhesive solutions, and these are our final recommended products:

BRAND	PRODUCT NAME
HENKEL/ THOMSIT	THOMSIT K 188 E
UZIN	UZIN KE 2000S

NOTES:

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgment and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the adhesive manufacturer.

APPLICATION CHART.

SUBFLOOR TYPE		ADHESIVE TYPE		
		ACRYLIC FIXING AGENTS	WATER BASED DISPERSION ADHESIVES	BICOMPONENT PU ADHESIVE
CONCRETE	RAW	N/A	***	*****
	POLISHED	*	*****	***
	PAINTED	***	*	**
SAND/ CEMENT	SELF LEVELLING	***	*****	**
	CHAPPE	N/A	*****	***
WOOD	NATURAL	*	*****	**
	OSB	*	*****	***
	PLYWOOD	*	*****	***
	MELAMINE	***	*	***
STONE	CERAMIC	*	***	*****
	MARBLE	*	***	*****
EXISTING FLOOR FINISH	VINYL	N/A	***	*****

PAVIGYM TILES INSTALLATION.



INSTALLATION INSTRUCTIONS FOR DRY LAY.

TOOLS.

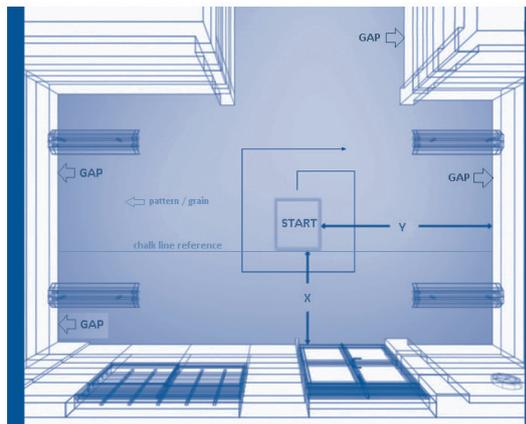


RELATED PRODUCTS:



INSTRUCTIONS:

1. Use a chalk line or laser to mark two reference lines (parallel to the main walls) in the middle of the room creating a cross on the floor, so that you are able to check if tiles are lined up correctly while installing. Check if the lines are 90°. If not, one of the reference lines will have to be corrected.
2. Check (measure) to ensure leaving full tiles in the most visible areas (entrance, doors, long walls, etc.) and avoid exaggerated tile wastage. If the floor has markings and/or zoning in the design, check also the location of these tiles before continuing with the install.
3. For grained colors, ensure the pattern is always facing in the same direction (the PAVIGYM™ logo in the middle of the tile can help you to identify this quickly). If the floor has markings and/or zoning in the design, check their pattern first, as they will dictate the direction of the rest.
4. Check tile interlocking, color and general appearance before installing, or carry out a small dry lay first (4-5 tiles at a time) to ensure a perfect result.
5. Start installing in the centre of the room (see Installation Plan: Initial Tile), and continue installing tiles in a spiral format around the initial tile. Keep checking the reference lines.
6. To fit the tiles, press the interlocking down until the joint surface between the tiles is flat. Use a light pressure roller or rubber mallet (see tools) to reinforce the joints. Do this with caution (low inertia with mallet). You can facilitate this process by wetting the interlocking with a small water spray device (no additives needed). Never force or stress tiles while installing. If you need to do so, it means that previous tiles have not been fitted properly.





7. Leave perimeter tile fitting for the end, providing the corresponding security allowance (gap of 5-10mm). This gap needs to be provided around the complete perimeter, columns and all construction-related elements (see expansion gap section).
8. Review the final appearance of the installation, checking for anomalies. Remember that you can switch tile positions to improve the final aesthetic in terms of colors or any other possible effects.
9. Finally, equipment can be placed on the flooring taking maximum care. Never drag machines. Carry them if possible, or use trolleys with inflatable wheels (not small-sized trolleys with compact wheels). You can use thin hardboard to protect the flooring when moving heavy equipment.

WATCH
OUR
INSTALLATION
VIDEO:



INSTALLATION INSTRUCTIONS FOR GLUED DOWN PRODUCTS.

TOOLS.



Notched spreader for floor covering
adhesives.
Width: 18 cm.
Trapezium-shaped.
A2: 1.65 x 1.2 mm "V" notched.



RELATED PRODUCTS:



INSTRUCTIONS:

PLEASE ALWAYS CHECK TILE INTERLOCKING, COLOR AND GENERAL APPEARANCE BEFORE GLUING TO THE SUBFLOOR!!!

1. Use a chalk line or laser to mark two reference lines (parallel to the main walls) in the middle of the room creating a cross on the floor, so that you are able to check if tiles are lined up correctly while installing. Check if the lines are 90°. If not, one of the reference lines will have to be corrected.
2. Check (measure) to ensure leaving full tiles in the most visible areas (entrance, doors, long walls, etc.) and avoid exaggerated tile wastage. If the floor has markings and/or zoning in the design, check also the location of these tiles before continuing with the install.
3. For grained colors, ensure the pattern is always facing in the same direction (the PAVIGYM™ logo in the middle of the tile can help you to identify this quickly). If the floor has markings and/or zoning in the design, check their pattern first, as they will dictate the direction of the rest.

4. Check tile interlocking, color and general appearance before installing, or carry out a small dry lay first (4-5 tiles at a time) to ensure a perfect result.
5. Once you have checked all measurements and the location of the initial tiles has been marked (see Installation Plan: Initial Tile), you can apply the adhesive on the subfloor for the first four tiles (with a V-notched trowel leaving 250gr/m² approx). Depending on the subfloor, adhesive and temperature, you will have to wait between 10-30min before putting the tiles down (see adhesive manufacturer instructions for open time, consumption, etc).
6. To fit the tiles, press the interlocking down until the joint surface between the tiles is flat. Use a light pressure roller or rubber mallet (see tools) to reinforce the joints. Do this with caution (low inertia with mallet). Then, rub over the whole area.
7. You can now apply adhesive around the initial tiles. Check if tiles are lined up with the chalk line every time you add a spiral. Be careful not to apply more adhesive than necessary (excessive adhesive will rise between the interlocking and soil the PAVIGYM™ tiles). If tiles get soiled, remove immediately with a humid cloth.
Never force or stress tiles while installing. If you need to do so, it means that previous tiles have not been fitted properly.
8. After approx every 20 minutes rub down hard again or roll with an appropriate floor roller. Ensure good transfer to the backing of the covering. Before rubbing or rolling, review the appearance of the installation, checking for anomalies. Remember that at this point, you can still switch tile position to improve the final aesthetic, in terms of colors or any other possible effects.
9. Leave perimeter tile fitting for the end, providing the corresponding security allowance (gap of 5-10mm). This gap needs to be provided around the complete perimeter, columns and all construction-related elements (see expansion gap section).
10. Once the installation has been concluded, leave to dry completely for at least 24 hours before use.
11. Finally, equipment can be placed on the flooring taking maximum care. Never drag machines. Carry them if possible, or use trolleys with inflatable wheels (not small-sized trolleys with compact wheels). You can use thin hardboard to protect the flooring when moving heavy equipment.

WATCH
OUR GLUED
INSTALLATION
VIDEO:

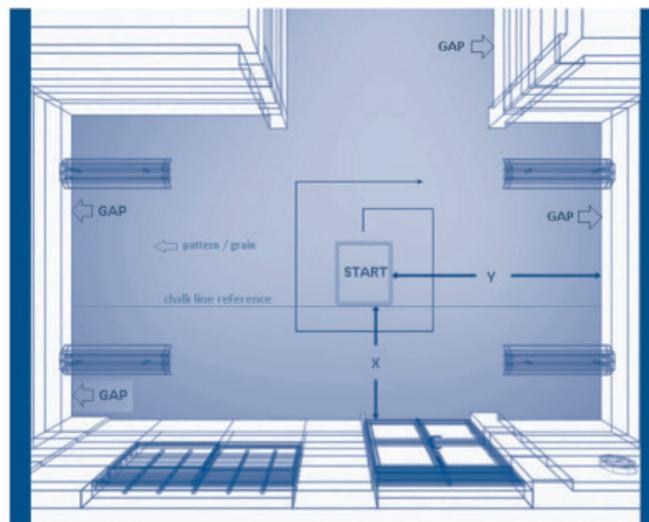


EXPANSION GAP.

Please provide a 5-10mm allowance (safety margin) between the tiles and ANY WALLS OR COLUMNS.

This safety margin will relieve the eventual expansions and contractions caused by temperature changes or mechanical stress.

For PAVIGYM™ Tatami and Paviplay products, you will need to provide a safety margin of 20-25mm.

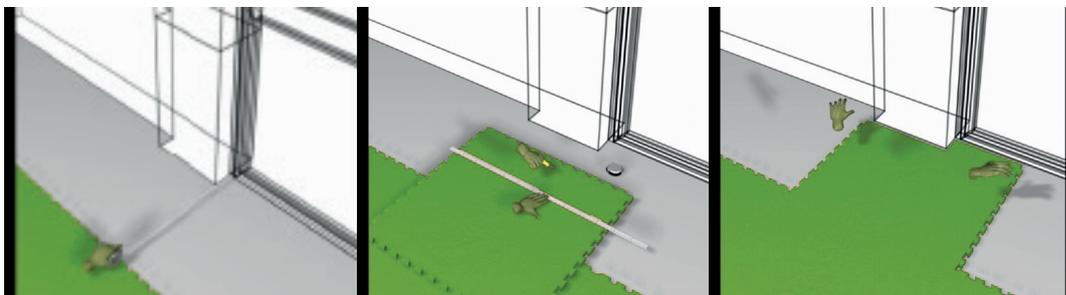


CUTTING OF THE TILES.

Measure the trim line taking into account the safety margin (see expansion gap section).

Make a light cut along the previous trim line using a wide cutter.

Finally, make a definitive cut through the whole tile. Depending on the thickness of the product, another cutting run may be required before carrying out the definitive one.



NOTES:

1. Take extra care when cutting tiles and avoid very small cuts. Never cut towards your hands or own body to avoid injuries.
2. Note that personalized tiles, logos and zoning tiles are unique and a wrong cut can lead to additional costs as you will have to place a new order to replace the damaged tile.

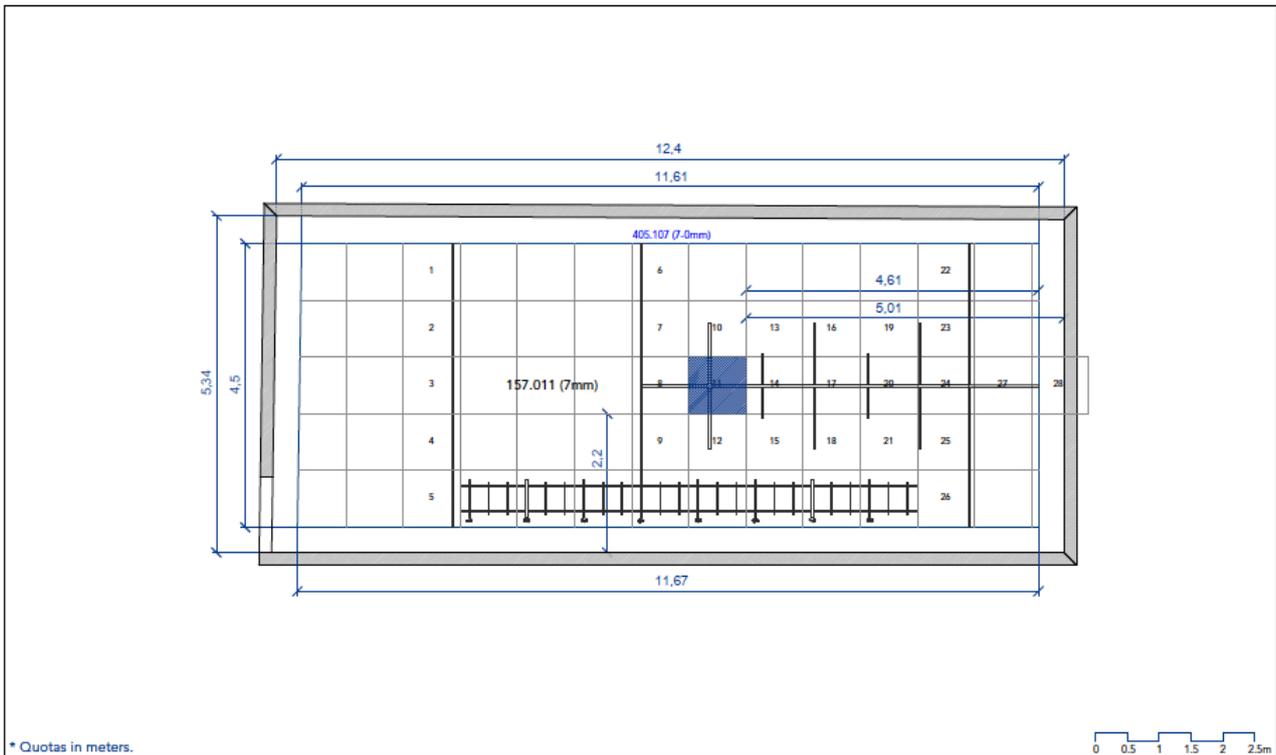


INSTALLATION PLAN.

Please find below an example of an installation plan. It will be sent to the customer by email and a hard copy will be included with the order (see important documents folder in one of the pallets).

NOTES:

- Not all orders avail of this service.



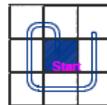
* Quotas in meters.

MATERIAL USED

- 157.011 Endurance Jet Black (90x90cm 7mm)
- 405.107 Joiner Aluminium (7.0mm)

START HERE

The FIRST TILE to be installed is situated in the CENTER of the room. It is necessary to assure its right position because the rest of the flooring has to be installed making an aspral around. Please, take the quotas into account.



PAVIGYM INSTALLATION PLAN

PROJECT Fitnessraum Tenniszentrum
 ORDER EXP-10472
 SCALE 1:50
 DATE 06/02/2015



* all dimensions must be checked on site: customer.service@pavigym.com

USAGE RECOMMENDATIONS.



- Never use black-rubber protection on: chairs, furniture or machine feet. Use plastic or non-dying rubber pads (clear and non-oiled colours).
- Use mats on entrance areas.
- DO NOT USE polishing wheels, sand, metallic brushes on the floor, nor steam cleaners.
- NEVER start any alteration or repair work without protecting the floor surface adequately.
- PREVENT spilling acid (bathroom products, fruit juices, vinegar, spirits); alkaloids (bleach, butyl cleaning products); petrochemical products (cleaning products containing oils, grease, solvents or abrasive components) on the floor.

HEAVY MACHINERY.

- When moving heavy equipment over PAVIGYM™, keep in mind that the small wheels fitted on the equipment are intended for use on totally rigid floors, with no flexibility, and therefore they have to be moved by means of trolleys with inflatable wheels (or by hand, if possible).
- Avoid dragging machinery over PAVIGYM™ without protecting it.
- To avoid scratching or causing permanent damage to the flooring solution, use an adequate protection under the furniture and the equipment.

STATIC ELECTRICITY.

- Under certain conditions, during installation and during the days following installation, slight static electric discharges can result from the isolating nature of the flooring. This can be treated very easily by applying Jontec Destat to your cleaning water. Ask for instruction through support@pavigym.com or use other antistatic detergents.

SPORTS SHOES.

- PAVIGYM™ has been designed for use with sports footwear. Regular or high-heels shoes can damage the flooring solution.
- PAVIGYM™ Tatami has been designed for barefoot use.

GENERAL RECOMMENDATIONS.

AROMAS.

- New tiles can release a light aroma. With appropriate ventilation and with the post installation cleaning the smell will dissipate within 1 or 2 weeks.

HEAT SOURCES / RADIATORS

Provide at least a 50 cm clearance above the PAVIGYM™ surface. Use insulation materials to prevent temperature from rising above 40 °C.

DIRECT SUNLIGHT.

Prevent the floor from direct sunlight exposure. It can cause thermal expansion and subsequent shrinkage. Use solar filters or blinds to prevent excessive floor temperature.

EXPANSION GAPS.

Use expansion gaps to separate stuck from unstuck areas. PAVIGYM™ offers a range of solutions.

Please browse through our catalogue or our web page www.pavigym.com



WARRANTY CONDITIONS.

1. Protective Comfort Group/ Pemarsa, (hereinafter the "Company"), guarantees that the referenced flooring below is free of manufacturing defects for a two year period from the date of purchase, provided that all product handling, installation and rules of use specified in this Installation Manual are complied with.
2. Any manufacturing defect spotted, within the period of warranty, should be notified to the company in writing within 30 days from the date it appears. This request will be studied and, provided that all conditions and requirements specified in this warranty are fulfilled, the company will repair the defective tiles or will replace them with proper ones, according to its criteria, free of charge for the customer.
3. Substantial manufacturing surface defects on tiles shall only be claimed before the installation. At this point, defective tiles shall be put aside and a solution shall be requested, providing the batch number and remaining data appearing on the pallet tag.
4. Any manufacturing defect found in any tile covered by this warranty, and if the inspection and tests performed by the company prove that the flooring has been handled, installed and used in compliance with the rules provided in the Installation Manual, the company shall be exclusively responsible for repairing or replacing the affected tiles.
5. Under no circumstance shall the company be held liable for any direct or indirect damage, especially those arising from the installation, loss of sales, property damage or any other type of damage, loss or expenses resulting from the use or sale of the flooring solution covered by this warranty.
6. The terms of this warranty shall not be interrupted nor extended by the repair or replacement of tiles.
7. This warranty shall not cover damages caused on the total or on part of the floor surface due to incorrect systematic or eventual use, using it for other purposes other than those for which it has been designed, or in a negligent and/or abusive way. For example: use of Aerobic or Fitness flooring solution in Free Weights areas. This warranty shall not either cover flooring damages resulting by room construction defects. On the other hand, it shall neither cover damages resulting from flooring exposure to temperatures equal or over 40°C, caused by direct sunlight or by any other cause. This warranty shall not cover customer lack of satisfaction due to appearance wear resulting from insufficient or improper maintenance, stains or dents caused by inadequate footwear, or under special circumstances (alterations or repair works) in which no appropriate floor protection is fitted. It shall not cover changes in brightness or appearance due to use. It shall not cover color changes in areas with longer sunlight exposure than others, and color changes as compared with the samples. In case of replacement, the company will see that the new pieces have the same appearance as the existing ones, although it cannot guarantee identical color and/or brightness levels.
8. Damages resulting from the use of fixing or adhesive products other than those recommended by the company, or than those previously officially endorsed by the company, are not covered by this guarantee.
9. This guarantee is made only for the original user of new top quality flooring, and shall under no circumstance be transferred. This warranty substitutes all existing explicit or implicit warranties; including, but not limited to, any warranty regarding sales or appropriateness for a specific use. This warranty constitutes the only warranty foreseen by the company, and is totally and exclusively a written statement of obligation. The company will not issue any explicit or implicit statement not included herein. Any and all statements, promises or warranties issued by the company or its workers which differ in any way with the terms specified in this warranty write, shall be ineffective. No company representative, agent or worker whatsoever, nor any other person is authorized to enter, on behalf of the company, into any additional responsibility in relation with the flooring solution manufactured by the company other than those described in this document.
10. The warranty is limited to a two (2) year period from the purchase date. Should the warranty period be extended, the appraisal thereof shall be calculated by discounting a percentage equivalent to the time of use lapsed from the time of the installation until the claim (1st and 2nd year: 100%, 3rd year: 60%, 4th year: 40%, 5th year: 20%). This warranty covers manufacturing defects, always in compliance with the conditions specified herein.
11. Competent jurisdiction and applicable law: Both for the customer and supplier, the agreed competent jurisdiction is Alicante, Spain. However, the supplier reserves the right of initiating legal proceedings against the customer in any other competent court. This legal relationship is bound by Spanish law, except as provided by the United Nations Agreement, of 11th April 1980, on international merchandise purchase agreements.



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Club Med Gym

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www.pavigym.com