

# Energize Your Environment







State-of-the-art technology, design and durability are the essence of Protective Comfort Group flooring and the brand Pavigym<sup>®</sup>.

Much more than just a floor, Pavigym defines space while enhancing sporting safety. The unique air flooring system retrieves the user's energy and helps them enjoy a healthier workout. This is the mission of Pavigym and Protective Comfort Group.



# Aerobic

Specific flooring for aerobic classes.

The Air Flooring System technology offers one resistant layer that allows free flowing movements without slipping or blocking. Also provides absorbency, comfort and security for movements. Pavigym Aerobic contains millions of micro air-bubbles which absorb jump impact while protecting against injury.



Aerobic: The ideal solution for group exercise studios (aerobics, step, cardio-box, etc).
Combi: The solution for group exercise classes with multiple uses, where heavy accessories are moved around, such as spinning bikes.



#### Aerobic and Combi colours



Main specifications	AEROBIC	СОМВІ	
Thickness	9 mm 3/8"	12 mm 1/2"	
Dimensions	<b>100 x 100 cm</b> 39 3/8" x 39 3/8"	<b>100 x 100 cm</b> 39 3/8" x 39 3/8"	
Hardness DIN 53505	65° Shore A	65° Shore A	
Force Reduction EN 14808	45%	45%	
Fire Reaction EN 13501-1	Efl (opc. Cfl)	Efl (opc. Cfl)	

# Free Weight

Pavigym's Air Flooring System gives Pavigym Free Weight a surface which is double layered. Provides high resistance against scratching and gouging, and offers high shock absorbency which protects the subfloor. When a weight of dumbbell falls, millions of micro air-bubbles compress, cushioning the fall silently and safely, as air provides excellent sound insulation.

- **Free Weight HD (High Density)**: HD (High Density): the increased density provides the ideal solution for the Free Weights area, with innovative colours and designs.
- Free Weight S&S (Sound & Shock absorption): excellent acoustic insulation specifically designed for areas where increased sound and vibration absorption is essential in the free weights area.

NEW !! ACOUSTIC INSULATION 21 DE





Main Specifications	FW HD	FW S&S		
Thickness	7,5 mm 5/16"	29 mm 1 1/8" 100 x 100 cm 39 3/8" x 39 3/8" 65° Shore A		
Dimensions	<b>90 x 90 cm</b> 35 7/16" x 35 7/16"			
Hardness DIN 53505	75° Shore A			
Acoustic Insulation ISO 140-8		21		
Fire Reaction EN 13501-1	Efl (opc. Cfl)	Efl (opc. Cfl)		





### PAVIGYM FITNESS

### Fitness

In addition to all the design and personalization possibilities which Pavigym offers, maximum protection is also provided against marks and noise for indoor cycling and cardio areas with machines.

Fitness 7,5 mm: a new product with improved density formula. Fitness is the most resistant solution against marks. The new interlocking system is designed to fit perfectly with Pavigym Free Weight HD within the same room. Optimum performance can be achieved without the need for fixing agents or adhesives.
Combi: Additional comfort in fitness and cardio rooms, where it is necessary to move heavy equipment around to carry out other activities.

NEW EXTRA RESISTANCE FORMULA !

Beechwood

Walnut

Mahogany

Wengue

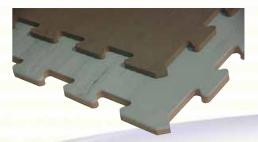
Black

Beige

Red

Blue

Grey





#### **Main Specifications** Fitness Combi 7,5 mm 5/16" Thickness 12 mm 1/2" 90 x 90 cm 100 x 100 cm Dimensions 35 7/16" x 35 7/16 39 3/8" x 39 3/8' Hardness DIN 53505 75° Shore A 65° Shore A Fire Reaction EN 13501-1 Efl (opc. Cfl) Efl (opc. Cfl)

# Fitness Special Products

Pavigym has developed Special Fitness Products, a new range of products designed to offer extra protection in the areas where it is most needed. Protects the sub-floor in fitness and cardio areas by avoiding marks, scratches and stains due to sweat and liquids, which can be spilt during exercise. In addition, the user and indeed the machine are protected, by offering an anti-slip surface which provides better stability and absorbs machine vibrations.

Main Specifications	2 pieces	Extension	Spinning	Vibro
Thickness	Thickness 5 mm 3/16"		5 mm 3/16"	14 mm 1/2"
Dimensions	<b>92 x 122 cm</b> 36 1/5" x 48 5/16"	<b>92 x 92 cm</b> 36 1/5" x 36 1/5"	<b>90 x 120 cm</b> 35 7/16" x 35 7/16"	<b>90 x 90 cm</b> 35 7/16" x 35 7/16"
Hardness DIN 53505	75° Shore A	75° Shore A	75° Shore A	30° Shore A
Vibration Damping				50%
Fire Reaction EN 13501-1	Efl	Efl	Efl	Efl



Designed to protect the flooring surface beneath fitness machines, (treadmills, steps, bikes...)

Three concepts define the advantages of Stera:

**Aesthetics:** Available in several colours, replicating the texture and aesthetics of wood or marble.

**Personalization:** Can be personalized with the logo of your facility.

**Modularity:** With interlocking tiles which enable the creation of bigger or smaller surfaces, it is therefore adaptable to any type of machinery available on the market.

#### Stera Spinning

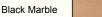
Recommended for beneath spinning bikes, Stera Spinning prevents movement of the machine, and avoids staining the floor with liquids or sweat produced during exercise.

# Vibro

Designed for Pavigym and **Power Plate** to minimize effects that vibration platforms transmit to the sub-floor. Vibro guarantees a vibration reduction of **50%** from the base of the machine to the sub-floor. Combined with Pavigym flooring, vibration reduction stands at **75%**. Applicable to all vibration platform machinery.









Beechwood



# Body Mind

Pavigym Body-Mind is extremely comfortable which makes it ideal for floor exercises such as Pilates, Yoga, Stretching, etc. As a result, it can be used barefoot or with appropriate footwear.

#### THERMAL INSULATION

Protects the user from heat loss when in contact with the floor, making exercise a more enjoyable experience. With Pavigym, you can even reduce your heating and air-conditioning bills as the millions of micro air-bubbles provide excellent thermal insulation.



#### Colours



Main Specifications	Body Mind
Thickness	11,5 mm 15/32"
Dimensions	<b>120 x 120 cm</b> 47 1/4" x 47 1/4"
Hardness DIN 53505	40° Shore A
Force Reduction EN 14808	52%
Fire Reaction EN 13501-1	Efl (opc. Cfl)

PAVIGY BODY MINE

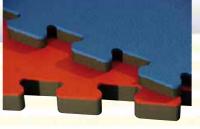
# Tatami

The most advanced technical solution for martial arts. Designed to absorb heavy impacts and gradually restore energy. "Bouncing" does not occur, due to the elastic properties of the materials used in the Air Flooring System technology.

- **Tatami 20 mm:** Designed for fast, fluid and safe movements in Karate, Taekwondo, Kung-Fu...
- **Tatami 30 mm:** A higher shock absorbency capacity for heavier falls in Judo, Aikido...
- **Durotami:** Designed for professionals and competitions. The higher density and hardness enables greater fluidity of movements.
- Tatami Kids: The safest option for children in martial arts areas, or children's play areas within the sports facility.



Main Specifications	Tatami 20 mm	Tatami 30 mm	Durotami 20 mm	Tatami Kids 20 mm
Thickness	20 mm 3/4"	30 mm 1 3/16"	20 mm 3/4"	20 mm 3/4"
Dimensions	100 x 100 cm 39 3/8" x 39 3/8"	<b>100 x 100 cm</b> 39 3/8" x 39 3/8"	100 x 100 cm 39 3/8" x 39 3/8"	50 x 50 cm 19 11/16" x 19 11/16"
Hardness DIN 53505	30° Shore A	30° Shore A	40° Shore A	30° Shore A
Fire Reaction EN 13501-1	Efl (opc. Cfl)	Efl (opc. Cfl)	Efl (opc. Cfl)	Efl (opc. Cfl)



#### Colours



#### **ANTI-SLIP AND ANTI-BLOCK**

The Pavigym surface allows a level of adherence which eliminates slipping without blocking the foot during jumps or turns. The floor temporarily deforms at the point of pressure to give lateral support. Therefore, whatever the angle of the movement, the floor will compensate accordingly to avoid injury.





## Wet Areas

For wet areas, a solution which provides maximum anti-slip protection, and is easy to install and clean. The interlocking system makes it easy to roll up for extensive cleaning beneath. It is modular and adaptable, as the size and characteristics of the tiles enable you to cover any area or corner. Available in three colours which will add value to the aesthetics of changing rooms, swimming pools and other wet areas.

#### **RESISTANT, EASY TO CLEAN AND DURABLE**











Light blue

Anthracite

Main Specifications	Wet Areas
Thickness	9 mm 3/8"
Dimensions	20 x 20 cm 7 7/8" x 7 7/8"
Weight	0,164 kg 0,36 lbs
Installation System	INTERLOCKING INSTALLATION SYSTEM



# Traffic

Traffic is the ideal Pavigym product line to cover the non-technical areas of the fitness centre, such as reception areas, offices, bars/ restaurants, walkways, locker rooms, etc. Pavigym Traffic is an elegant high resistance PVC vinyl plank flooring designed for the most demanding high transit areas, with resistance characteristics that are well above the majority of laminates and other solutions for these areas currently available on the market (AC5).

Main Specifications	Rustic	Classic	
Material DIN 16951	Heterogeneus PVC	Heterogeneus PVC	
Dimensions	<b>95 x 18,4 cm</b> 37 13/32" x 7 1/4"	91,5 x 15,24 cm 36 1/32" x 5 31/32"	
Total Thickness EN 428	3 mm 1/8"	3 mm 1/8"	
Weight/m <sup>2</sup> EN 430	5,5 kg approx	5,3 kg approx	
Number of pieces	19 planks (3,32 m <sup>2</sup> )	24 planks (3,32 m <sup>2</sup> )	
Residual indentation EN 433	0,04 mm		
Fire resistance DIN 4102 EN 13501-1	B1 Cfl	B1 Bfl S1	
Classification of anti-slip properties DIN 51130	R9	R9	
Suitable for floor heating	Yes	Yes	
Installation System		ATION SYSTEM Int needed)	



Traffic

PAVIGYN





# Accesories

#### FINISHINGS, TOOLS AND SUN FILTERS

Pavigym offers you an extensive range of accessories in order to guarantee a perfect finishing solution, and an optimum maintenance of your flooring.

#### Finishings

**Skirting Boards:** Our selection of Pavigym skirting board solutions facilitate a perfect and elegant finish for every installation. The expansion gap against the wall, necessary with all Pavigym products should be respected and can be covered with one of our elegant solutions, avoiding the accumulation of dirt and dust.



**Transitions:** Available in aluminium and PVC, these are the perfect solution to join two floorings of different thicknesses, thus avoiding potential trip hazards.

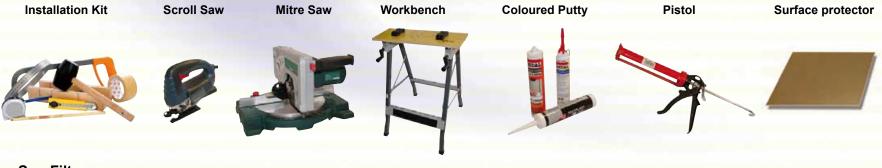


For more information, please visit our website at www.pavigym.com

Aluminium

#### Tools

To help you install your floor more effectively and efficiently, Pavigym advises you to use, and provides you with the following tools:



#### Sun Filters

Pavigym recommends you to use sun filters in areas with windows or direct sun exposure. This is to avoid damaging effects on the installation.

#### Some recommended manufacturers:

3M; visit www.3m.com Solar Screen; visit www.solar-sreen.com

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#### FIXING AGENT, ADHESIVES AND CLEANERS

In areas with direct sun exposure, or entrance areas to the facility, Pavigym recommends you use the following products which enable fixing or sticking of the tiles without damaging the sub-floor:

#### **Fixing agent**



This product can be used as a fixing agent to avoid the flooring sliding over the subfloor, or as an adhesive.

#### Polyurethane adhesive



Adhesive appropriate if risk of humidity or direct sun radiation exists.

#### Antistatic cleaner

Avoid the potential for static electricity in the room.

#### **Cleaning products**

Pavigym recommends using the following cleaning products.

#### Cleaner R280

Appropriate for daily use and for all Pavigym products.





Decapante

R

#### Cleaner PU

Appropriate for Pavigym Traffic. It can be used as an intensive cleaning product and for maintaining floor coverings with a polyurethane surface layer.

#### Elatex

For persistent stains and punctual use. Suitable for all products except Pavigym Free Weight HD.



2-MONTHS PACK (Pack suitable per 100 m<sup>2</sup>) Includes: 20 litres R280 Cleaner, 1 bottle of R Cleaner and 1 bottle of Elatex.



The Pavigym Air Flooring System Technology combines high performance polymeric materials with a higher elasticity grade "E2", with the shock absorption and isolation effect of air.

Millions of micro air-bubbles in the flooring absorb the impact and retrieve the energy, providing better protection and control of movements.

IMPACT ABSORPTION: an impact on the foot transmits energy up through the skeletal structure, muscles, tendons and joints. This energy is adequately absorbed by Pavigym to minimize the overall impact on the body.

ENERGY RETURN: The AFS System momentarily compresses on impact and returns to the original position, producing a gradual return of energy or "spring".



Our high performance polymeric "E2" have been developed taking into account the sustainability criteria.



EVA rubbers used in Pavigym products possess the Oeko-Tex Standard 100 Certification, which guarantees that no noxious substances are included in the product and that it is not harmful to human skin.



**Air Flooring** Technology



**Energy Return** 





Up to 5 years warranty



**Antibacterial** protection























Waterproof

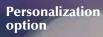


YOUR

LOGO

WATERPROOF



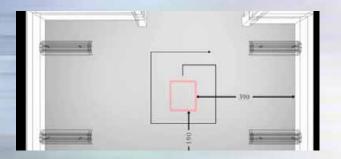


# How to install?

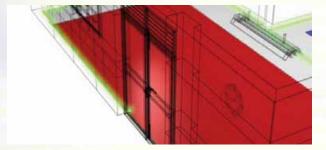
Pavigym is very easy to install. Nevertheless, a series of straightforward requirements and considerations should be taken into account. All of the necessary information can be found in the Installation and Maintenance Manual.

2





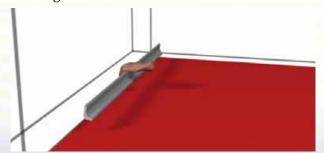
Place the first tile **in the centre** of the room, away from walls, which may not be straight. Continue placing tiles in spiral format, next to the starting tile.



Leave the perimeter tiles until the end of the installation, always **respecting the expansion gaps between tiles**, walls and pillars in order to protect against possible contractions or expansion of the flooring.



Cut the tile with a cutting knife.



Finish the installation by placing **a skirting board at the wall**, covering the expansion gap.



1

#### INTERLOCKING INSTALLATION SYSTEM:

Easy interlocking system between tiles, allowing a quick and easy installation without adhesives, special tools or special preparation of the sub-floor.



### **STICK INSTALLATION SYSTEM:** System with all the advantages of Pavigym's interlocking installation, but requires a fixing agent to obtain an optimum result. Applicable only to specific product lines.

Pavigym Training Concepts are a new innovation in which the flooring becomes an interactive part of the training session. Guided by the icons and drawings on the floor, the user is able to diversify and complete their training schedule, while enjoying a personalized area. Provides an elegant and comfortable environment which is suitable for individual training and/or group exercises. Three different products which fit the needs of both the user and the facility:

# FIEX CIRCO

PAVIGYM

∂Training Concepts

An ideal interactive area to carry out various strengthening and stretching exercises in an intuitive and enjoyable way. The illustrative board with basic exercises is suitable for users of all ages.



# Plates ared

Two exercise levels to work on mobility, stability and suppleness, based on the Pilates Method. Comfortable and with thermal insulation characteristics, enabling you to exercise either barefoot or with appropriate footwear.



#### Sprint by PAVIGYM

Enables the realization of explosive exercises like multi-jumps, speed changing, sprints, strides, etc. The tiles contribute in measuring the distance completed. It can be integrated into the existing Pavigym floor, or as a stand alone "on top" product using Pavigym Fitness.



- Internet	FLEX area	PILATES Area	SPLINT	Sprint on top
Product	Body-Mind	Body-Mind	Fitness	Combi
Tile dimensions	<b>120 x 120 cm</b> 47 1/4" x 47 1/4"	120 x 120 cm 47 1/4" x 47 1/4"	<b>90 x 90 cm</b> 35 7/16" x 35 7/16"	100 x 100 cm 39 3/8" x 39 3/8"
Floor dimensions	<b>404 x 284 cm</b> 159 1/16" x 111 13/16"	<b>404 x 284 cm</b> 159 1/16" x 111 13/16"	<b>90 x 990 cm</b> 35 7/16" x 389 3/4"	<b>144 x 1.144 cm</b> 56 11/16" x 450 13/32"
Display dimensions	<b>210 x 200 cm</b> 82 11/16" x 78 3/4"	210 x 200 cm 82 11/16" x 78 3/4"		
Personalization	Display only	Display only	ALESS 2- Local Law	

#### Flex Area y Pilates Area

#### Sprint "On Top"





Sprint

Adaptable to all rooms. All Pavigym colours available.











A new Pavigym concept which makes visual differentiation between diverse areas in the same room possible, without the need for different flooring. Four types of design available in all of the Pavigym colours, enabling the creation of endless shapes and sizes, and facilitating training circuit designs, walkways, etc.



# Application Chart















PAVIGYM PRODUCT ACTIVITY	AEROBIC	СОМВІ	FITNESS	FREE WEIGHT	BODY-MIND	ΤΑΤΑΜΙ	TATAMI KIDS	WET AREAS	TRAFFIC Rustic	TRAFFIC Classic
CHOREOGRAPHIC ACTIVITIES	•••••	••••	•	_	•					
CHOREOGRAPHIC ACTIVITIES + HEAVY PORTABLE ACCESORIES (BIKES)	••	•••••	•							
PILATES MACHINES	••••	•••••	••••							
STRENGTH & CARDIO MACHINES		••••	•••••	••					••••	•••
INDOOR CYCLE / WALKING	1	••	•••••	•••						
FREE WEIGHTS & DUMBBELLS		•		•••••						
PILATES GROUND	•••	•••	•		•••••	••				
YOGA / STRETCHING	•••	•••	•		•••••	••				
MARTIAL ARTS						•••••	••			
CHILDRENS DAY CARE & PLAY AREA					••••	••••	•••••		••	
WET AREAS (saunas, spas, swimming pools)								•••••		
LOCKER ROOMS									•••••	•••
TRANSIT AREAS (office, reception, bar)									•••••	•••
Highly recomme and very approp		••••	••••	•••	••		•		Not appropri	ate

# The most advanced solutions in sports flooring





Flooring is a fundamental element in the design and image of any establishment. This is why we strive to offer an extensive range of colours, textures and finishing solutions, which enable our clients to choose and decorate with Pavigym products.

Design your studio with the Pavigym virtual simulator; you can easily see hundreds of realistic combinations, designs and colors for your ideal facility.

#### www.pavigym.com

#### Very few withstand the test of time.



Specifically designed for use in sports facilities where high performance and durable materials are required, **comfortgym** is the most resistant mat on the market, while also providing users with maximum protection and comfort.

The perfect mixture of resistance and durability, combined with an extensive range of colours, shapes and sizes, adaptable to all current aesthetic trends, make **comfortgym** the best exercise mat available.



www.comfortgym.com

Composed of high performance polymeric materials, **comfortgym** mats combine elasticity and comfort with high-use and abrasion resistance, meaning they are virtually unbreakable.

Thanks to its reinforced O-holes, it is very easy to hang **comfortgym** mats, thus making the most of the room space available.

comfortgym is waterproof and resistant towards sweat, possessing an antibacterial protection which avoids the development of germs and fungi. Very easy to clean with a simple cloth and standard cleaning products.

#### www.comfortgym.com



#### **COMFORTGYM STANDARD**



Available in six colours and in different thicknesses and sizes, **comfortgym standard** combines maximum resistance with all the traditional brand quality.

**comfortgym** offers you the possibility to **personalize** your mats with the logo of your facility. For more information, please consult your distributor.

#### professional

Very resistant double layer. Dimensions: 140 x 60 x 15 mm 4'8" x 2'x 1/2" 100 x 60 x 15 mm 3'3" x 2' x 1/2"

#### home

The home solution. Dimensions: 140 x 60 x 7 mm 4'8" x 2' x 1/4" 100 x 60 x 7 mm 3'3" x 2' x 1/4"

#### step mat

Maximum protection during exercise.

Dimensions: 110 x 36 x 7 mm 3'8" x 1'2" x 1/4"

#### thick yoga mat

Light and easy to roll-up. Dimensions: 180 x 60 x 6 mm 6'x 2' x 1/4"



Provides the ideal environment for children in kindergartens, primary schools and play areas. Manufactured with Air Flooring System Technology, Paviplay offers maximum protection and comfort. Easy to assemble/dissemble and can be stored conveniently in piles due to its "puzzle-like" system which permits the creation of a play-area in minutes. It is didactic, thus facilitating the development of physical activities, crawling, and psycho-motor skills. The colours and textures favour the development of both tactile and spatial visual perception.

#### A safe environment for children



ULIA 🔕

**BACTERIAL** PROTECTION Paviplay is manufactured with sale and sanitary material, protecting against fungi and bacteria.

Paviplay has been subjected to extensive safety testing in AIJU, a leading technological toy testing institution, where it achieved the HIC certification. This ensures shock absorbency against the frequent bumps and falls of toddlers and children.



All Paviplay products can be obtained with optional Cfl fire resistance, according to te EN 13501-1 Norm.



www.paviplay.com



The four colors and different textures available offer stimulation for toddlers while providing ultimate protection from bumps and falls. Paviplay Classic has been designed for barefoot use.

AND Availa	AXI-K MINI-K able with cen and corner ti	KIT						TILES vailable in three esses and sizes.		
Ad protec	WA TECTOR chieve increa ction in the rc bumps and f	RS used		-		aç	EU Comfort ainst cold	and protection humidity, and floor bacteria.		
	ΜΑΧΙ-ΚΙΤ	MINI-KIT	3		TILES			WALL PROTECTORS	MATS	BUM MATS
Measurements	<b>MAXI-KIT</b> 6,25 m <sup>2</sup> 67,27 sq ft	<b>MINI-KIT</b> 4 m <sup>2</sup> 43, 05 sq ft		50 x 50 c 9 3/8″ x 19	m	<b>100 x</b> 39 3/8"	100 cm < 39 3/8″	WALL PROTECTORS 150 x 100 cm 59 1/16" 39 3/8"	MATS 50 x 100 cm 19 3/8" x 39 3/8"	BUM MATS 34 x 26 cm 13 3/8" x 10 1/4"
	6,25 m <sup>2</sup>	4 m <sup>2</sup>			m			150 x 100 cm	50 x 100 cm	34 x 26 cm
Measurements Thickness HIC	6,25 m <sup>2</sup> 67,27 sq ft 20 mm	4 m <sup>2</sup> 43, 05 sq ft 15 mm	19 15 mm	20 mm	m 3/8″ 30 mm	39 3/8" : 20 mm	39 3/8" 30 mm	<b>150 x 100 cm</b> 59 1/16" 39 3/8" <b>10 mm</b>	50 x 100 cm 19 3/8" x 39 3/8" 10 mm	34 x 26 cm 13 3/8" x 10 1/4" 15 mm



The texture and extra resistance permits use barefoot or with appropriate footwear. With all the usual Paviplay characteristics, the Multi range is ideal for classrooms, psycho-motor skills, and multi-use rooms.

#### **MULTI-KIT**

The surface texture enables all kinds of activities, barefoot or with footwear.



TILES Available in two sizes which are adaptable to any room.



	MULTI-KIT	TILES				
Measurements         6,25 m <sup>2</sup> 67,27 sq 1		<b>60 x 60 cm</b> 23 5/8″ x 23 5/8	<b>120 X 120 cm</b> 47 1/4" x 47 1/4"			
Thickness	Thickness 11,5 mm 29/64"		<b>11,5 mm</b> 29/64″			
HIC	30 cm	30 cm	<b>30 cm</b>			

Colours

Blue, Red, Green and Yellow

\* Paviplay Multi colours have a grained pattern.

