

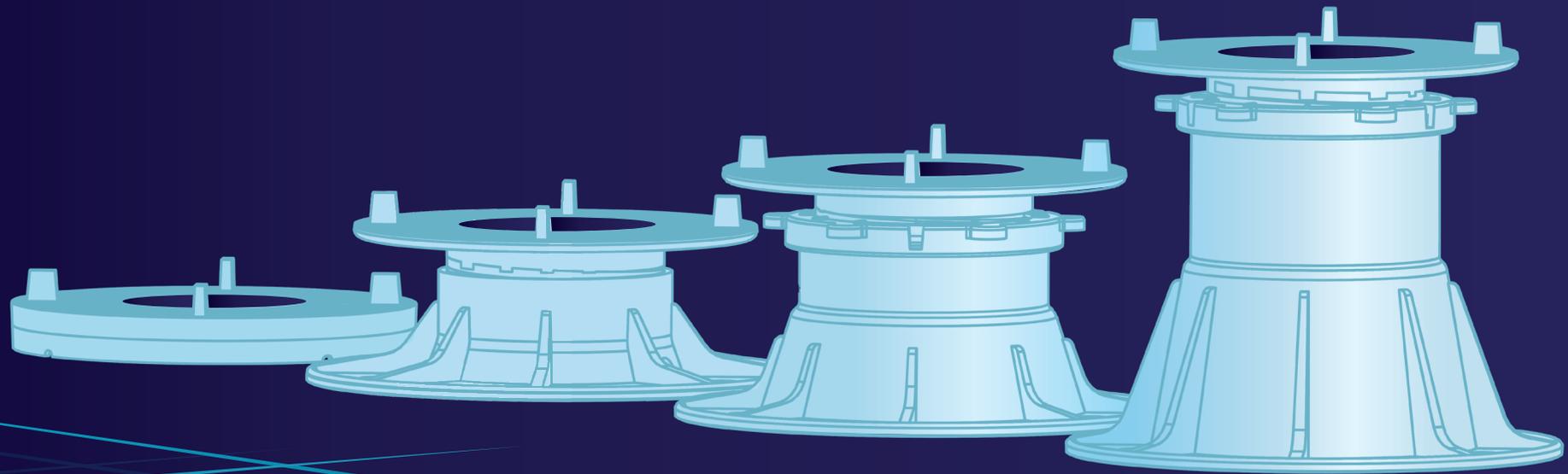
CATALOGUE



2018

www.peygran.com

RAISED FLOOR PEDESTALS





Raised floor Pedestals

Peygran Pedestals for external use are a solution for projects in which floating, technical, raised or registrable floors are needed.

The only alternative to traditional construction methods in this type of projects in order to reduce weight and avoid architectural barriers.

Allow for high quality finish saving work and making further maintenance easier.

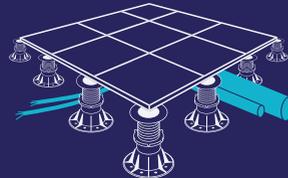




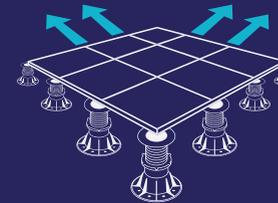
Applications

- Covers in flat roofs
- Pool edges and planking
- Covered pedestrian passages and gardens
- Raised, floating and technical floors
- Illuminated floors
- Canopies, stands, etc.

ADVANTAGES



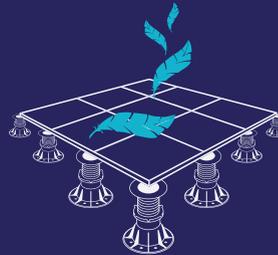
1 Easy installation of pipes and wires



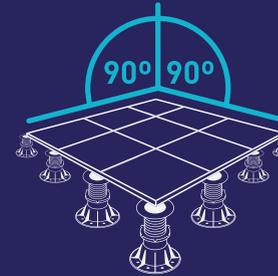
2 Acts as an expansion joint



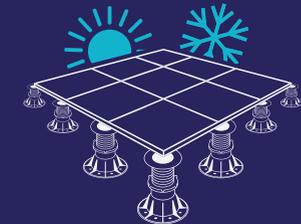
3 Passable pavement resistant to passing



4 Light covers



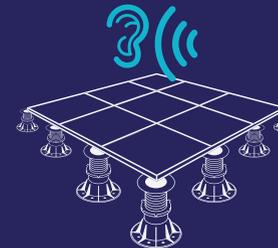
5 Complete flatness of the floor



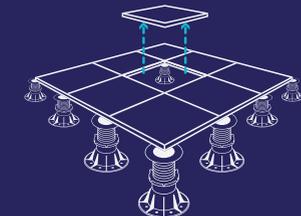
6 Optimal thermal insulation



7 Perfect water disposal



8 Greater acoustic insulation

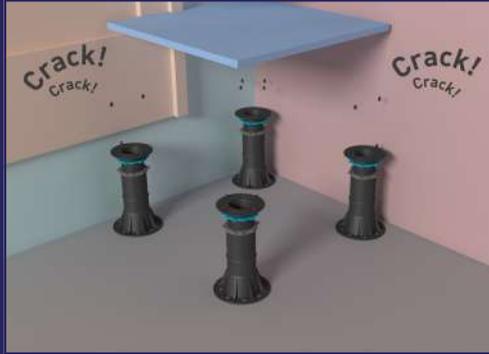


9 Entirely registrable raised floor





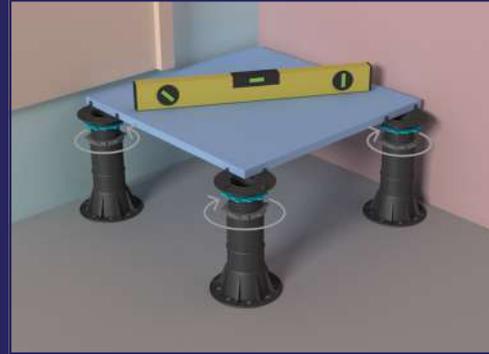
HOW TO USE



1° Place first Pedestals

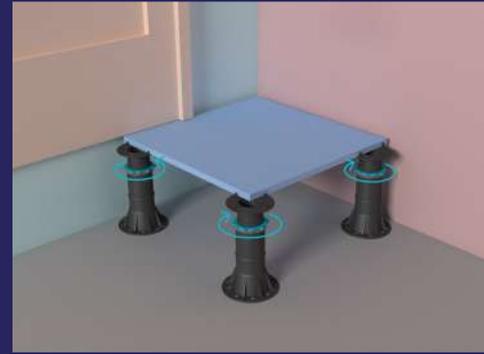
Place 4 Pedestals adjusted to the tile width. Start by a corner of the perimeter to install.

Break the Pedestal flanges that hamper the appropriate tile installation.



2° Level the tile

Use a leveller to check the appropriate levelling of the tile on the Pedestals. Adjust the Pedestals with the floating nut until reaching the wanted height and complete levelling.



3° Fix the Pedestal

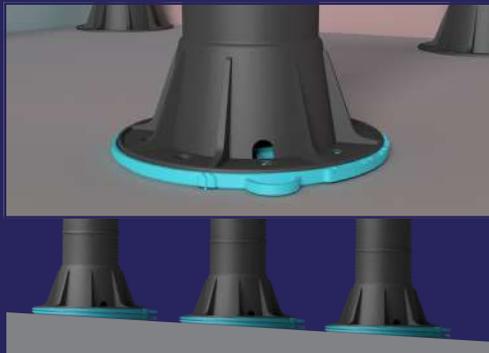
Tighten the locknut for fixing the Pedestal completely and avoid movements. We recommend fixing the base with polyurethane foam or similar. In this way unwanted movements are avoided.



4° Place the following Pedestals

Place the following Pedestals for the adjacent tiles.

We also recommend using pads to damper sound.



5° Compensate unevenness (Slope Regulator)

For a completely levelled surface, use a slope regulator to compensate the floor unevenness.



6° Lay the adjacent tiles

Lay the tiles orderly adjusting the floor to the Pedestal flanges, in this way, avoiding further spaces and movements unwanted.



7° Continue levelling

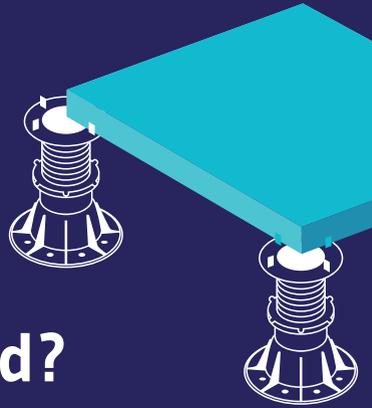
Continue laying the adjacent tiles using the same process until completing the surface to be covered.



8° Registrable surface

Finally, we obtain a completely registrable surface which allows us access to lower installations such as electrical wiring, sump, piping, etc.

How many Pedestals do you need?



FLOORING	PEDESTALS
40 x 40	→ 6,7 units/m ²
40 x 60	→ 4,2 units/m ²
40 x 90	→ 3 units/m ²
50 x 50	→ 4,2 units/m ²
60 x 60	→ 3,3 units/m ²
90 x 90	→ 3,6 unid./m ²

- Approximate quantity by the manufacturer
 - Optional central Pedestal is not include

Example:

Surface: 100 m²

Tile: 50x50 = 4,2 units/m²

PEDESTALS:

100 x 4,2 = **420 units.**

PIECES

1 Pad

Pad made of an elastomer material which offers noise and slipping resistance.

2 Head

Head may of polypropylene with charges. Provided with 4 mm spacers. The thread offers resistance over 1,500 kg.

3 Locknut

The locknut blocks the Pedestal to avoid being loosened over time.

4 Floating nut

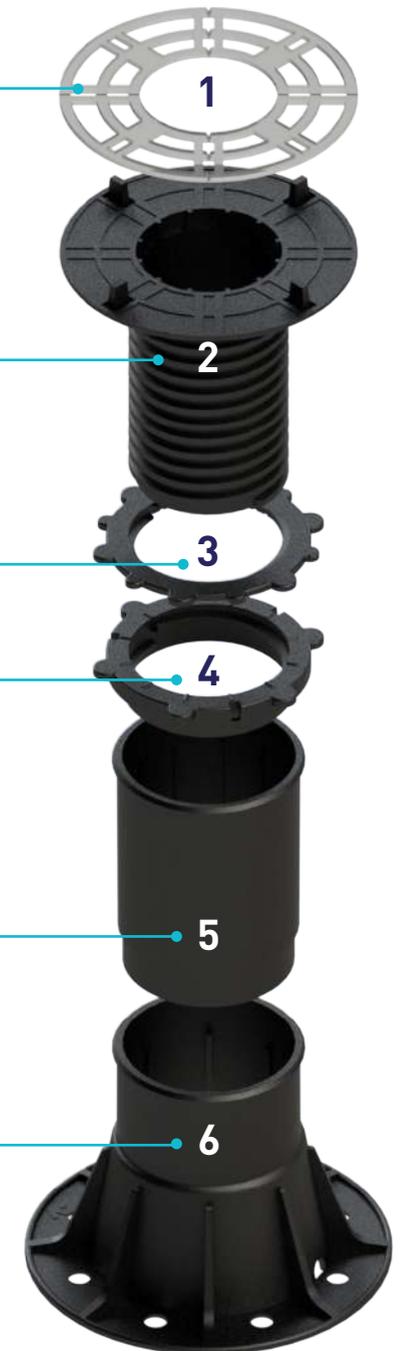
The floating nut allows the adjustable Pedestal to be lifted or lowered without raising the tile. The nut is subject to pressure avoiding the Pedestal from being disassembled.

5 Bushing

Supplement to raise the adjustable Pedestal to 90mm. Can be coupled and lifted until the height wanted.

6 Base

Adjustable Pedestal. Water outlets to prevent from water accumulation in it. The holes on the base facilitate its fixing to the floor with polyurethane if necessary.





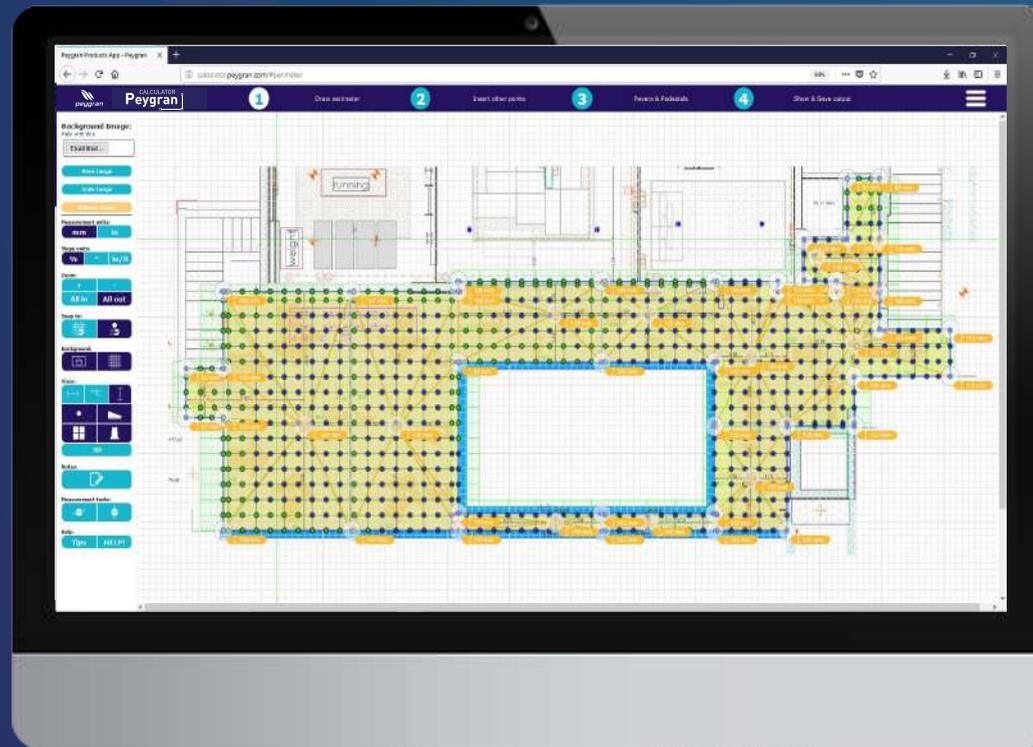
CALCULATOR Peygran



CALCULATE
NOW

Automatically calculate the pedestals you need.

With our software Peygran Calculator you can calculate the number and type of raised floor supports you will need for your project. You can introduce the plans or draw the surface of the building to get the calculation of the raised floor pedestals depending on the type and ceramic format, wooden decking, sinkhole and currents of the surface to be treated.



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3. Plot detail:

Model	Description	Quantity
x	-	-
+	-	-
●	Not enough height for paving	-
●	Undefined (< 10 mm)	-
●	Fixed plot 10	0
●	Fixed plot 15	0
●	SP	0
●	SP0	0
●	SP1	0
●	SP2	0
●	SP3	0
●	SP4	0
●	SP5	0
●	SP6	0

This color refers to Image 1. Approximate number of plots.

2 www.peygran.com

1 Create perimeter

2 Water spring

3 Tile type

4 Final result



1 CREATE PERIMETER

The first step is to designate the perimeter that you are going to raise with pedestals. For that purpose, you can upload your own plane to the software and use it as a template or draw it directly.



2 WATER SPRING

The next step is to place the drains that the installation has. The height of each point of the perimeter is fundamental to calculate the slope that is towards each sink.



3 TILE TYPE

Once the entire area to be installed is limited, we move to the choice of the pavement. Enter the dimensions of the tile to install. We can choose between ceramic tile or wooden flooring.



4 FINAL RESULT

The software automatically calculates the amount of pedestals you need for your installation and the model in each section.

The calculation can be downloaded in pdf with all necessary components disaggregated. You can save and load your projects to consult, make modifications or request a quote directly.

Image 2: Use of slope correctors

#	Description	Quantity#**
○	No slope correction needed.	-
●	Regulador inclinación Type: Regulador inclinación	304
●	Regulador inclinación Type: Regulador inclinación Link2	378

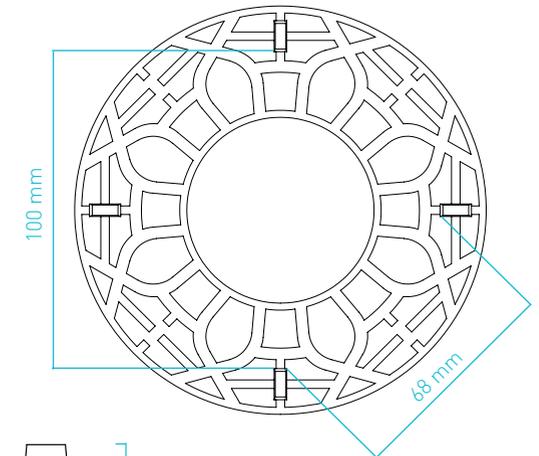
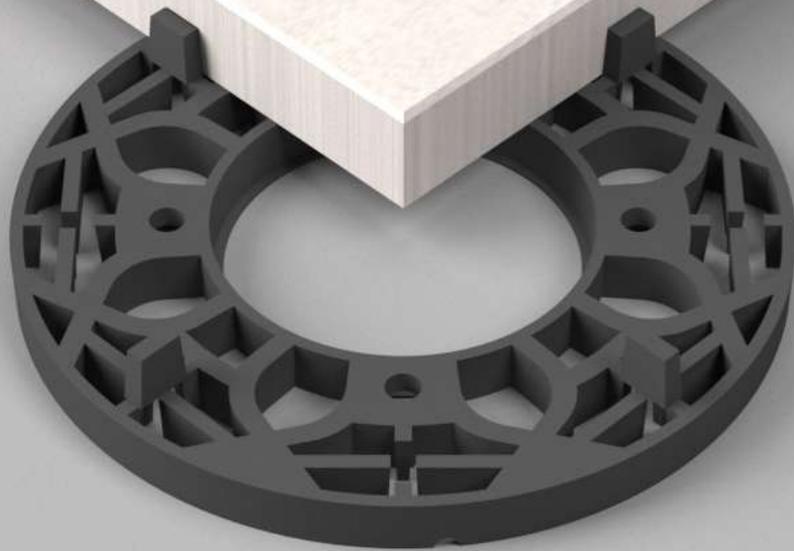


Fixed Pedestals

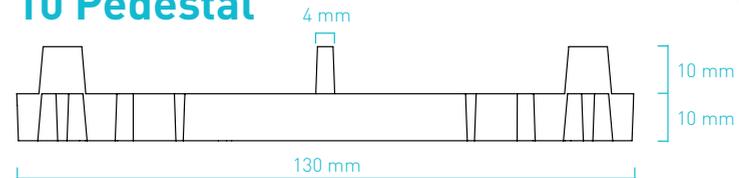
10 and 15 mm Fixed Pedestals

Non-adjustable Pedestals are 10 and 15mm. Can be fitted to each other to reach the height wanted.

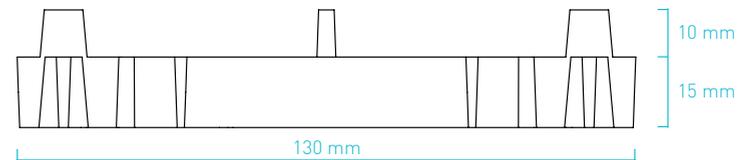
Compatible with pads and adjustable Pedestals. Can be fitted to the head. Base only available without inclination. Resistance over 6,000 Kg.



10 Pedestal



15 Pedestal



Ref.	Description	mm	Units (/Box)	Box (cm)	Weight (kg)
0200206	10 mm fixed Pedestal	10	444	59x39x41	23,98
0200207	15 mm fixed Pedestal	15	300	59x39x41	25,20

For orders, it is necessary to ask for and fill in the "Pedestals pick-up sheet"



Ajustable Pedestal SP y SP0

Adjustable Pedestals.

Compatible with the pads to isolate and chock, with the fixed Pedestals to supplement if needed and with the locknut to block the Pedestal.

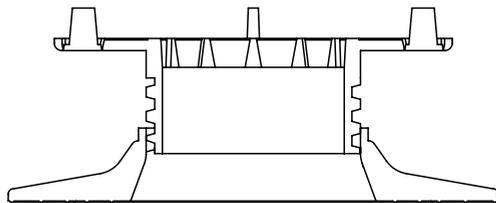
The base is available flat and 1 and 2% inclination.

Resistance over 1,500kg

Top diameter	130,00 mm
Bottom diameter	159,50 mm

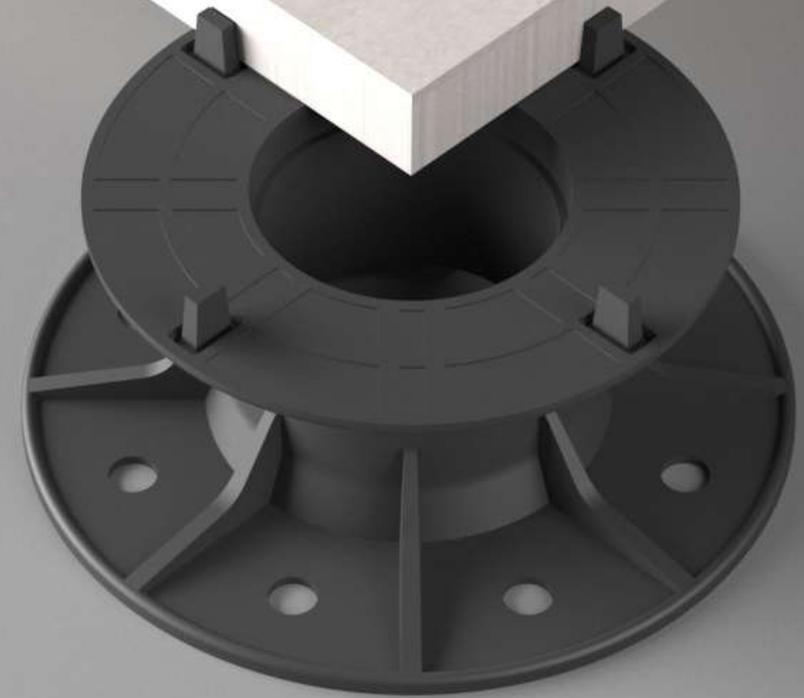
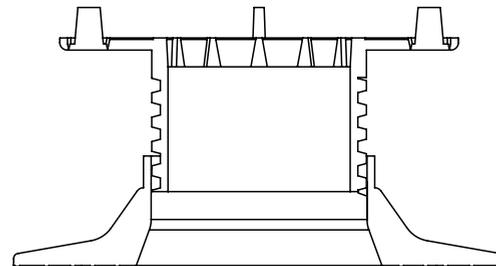
SP

37 - 50 mm



SP0

50 - 75 mm

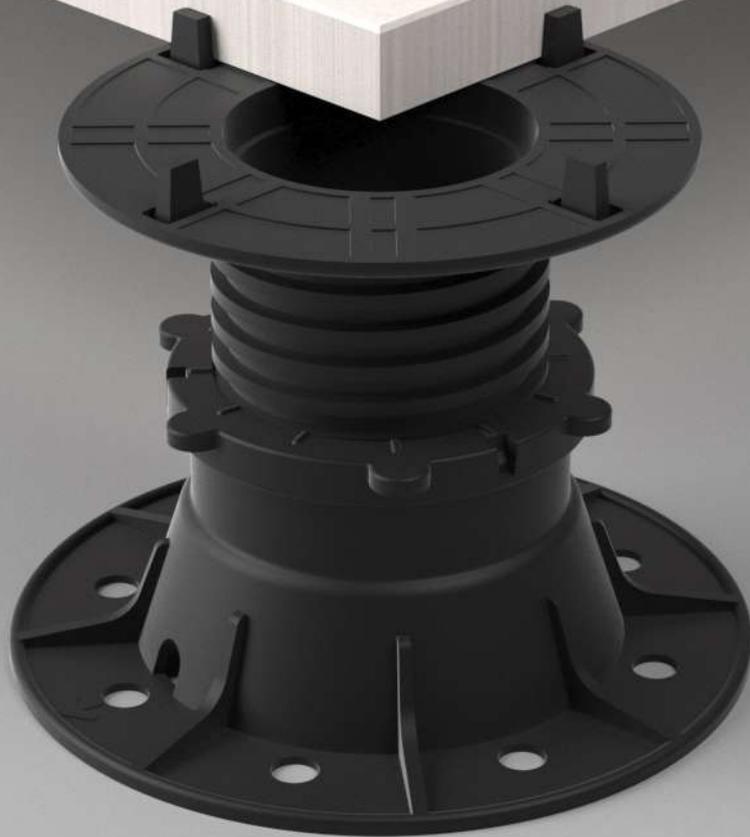


Ref.	Description	mm	Units (/Box)	Box (cm)	Weight (kg)
SP	Pedestal for floating floors	37 - 50	96	59x39x41	12,52
SP0	Pedestal for floating floors	50 - 75	72	59x39x41	11,38

For orders, it is necessary to ask for and fill in the "Pedestals pick-up sheet"



Adjustable Pedestal SP1 and SP2



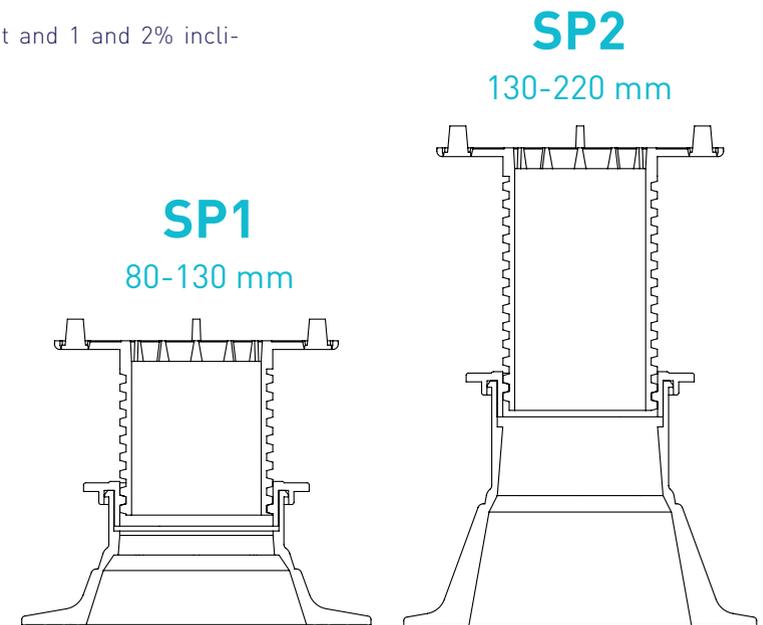
Adjustable Pedestals.

Compatible with the pads to isolate and chock, with the fixed Pedestals to supplement if needed and with the locknut to block the Pedestal.

The base is available flat and 1 and 2% inclination.

Resistance over 1,500kg

Top diameter	130,00 mm
Bottom diameter	159,50 mm



Ref.	Description	mm	Units (/Box)	Box (cm)	Weight (kg)
SP1	Pedestal for floating floors	80 - 130	48	59x39x41	11,30
SP2	Pedestal for floating floors	130 - 220	40	59x39x41	12,56

For orders, it is necessary to ask for and fill in the "Pedestals pick-up sheet"



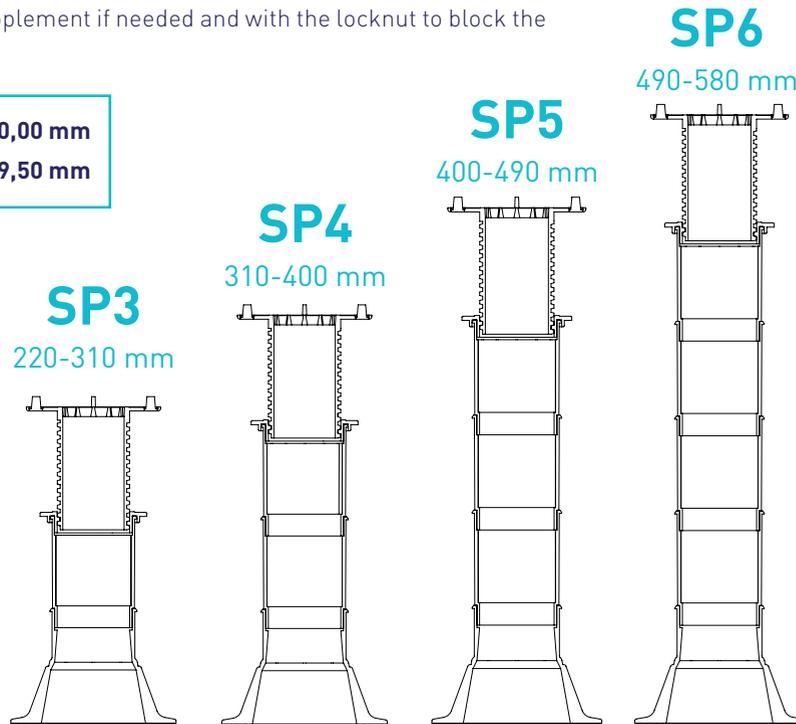
Adjustable Pedestal SP3 - SP4 - SP5 - SP6

Adjustable Pedestals. Compatible with the pads to isolate and chock, with the fixed Pedestals to supplement if needed and with the locknut to block the Pedestal.

Top diameter	130,00 mm
Bottom diameter	159,50 mm

The base is available flat and 1 and 2% inclination.

Resistance over 1,500kg



Ref.	Description	mm	Units (/Box)	Box (cm)	Weight (kg)
SP3	Pedestal for floating floors	220 - 310	20	59x39x41	7,43
SP4	Pedestal for floating floors	310 - 400	15	59x39x41	5,62
SP5	Pedestal for floating floors	400 - 490	12	59x39x41	6,54
SP6	Pedestal for floating floors	490 - 580	12	59x39x41	7,46

For orders, it is necessary to ask for and fill in the "Pedestals pick-up sheet"

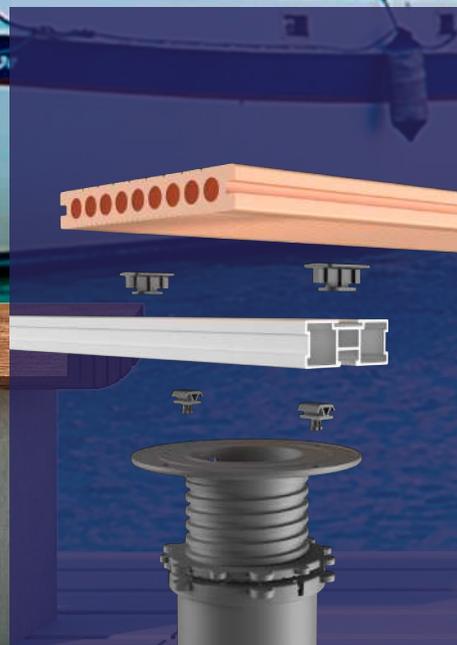




Aluminium Joist

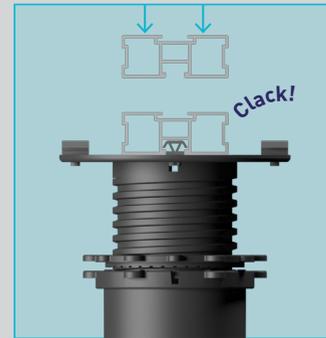
Peygran Pedestals for outside spaces with head for Aluminium Joist are the ideal solution for projects in which wood or wpc floating platforms are installed.

They are an excellent alternative to other traditional methods allowing for greater versatility when making the joist frame, thanks to the rotating clip of the joist head.

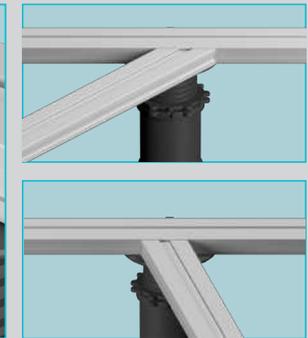
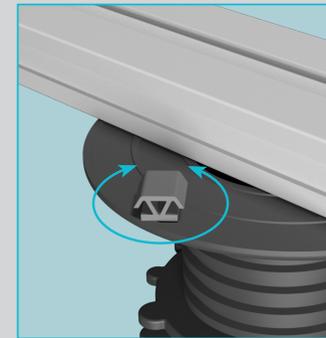




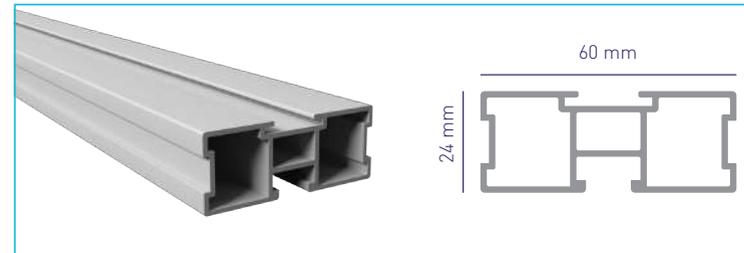
New clip for joists. They are inserted into flat heads easily to anchor the Pedestal to the Aluminium Joist.



Simply press the joist on the clip and it will be safely anchored to it.



The clip for joists can turn 360° to fit the joist to the degrees wanted in order to make a solid aluminium frame.



Aluminium Joist

Aluminium Joists make assembly of raised platforms easy.

Ref.	Description
0200166	Aluminium Joist



Joist Clip

Fixes the laminated floor to the Aluminium Joist safely and effectively without the need to screw all the pieces.

Ref.	Description	Units
0200168	Joist Clip	100



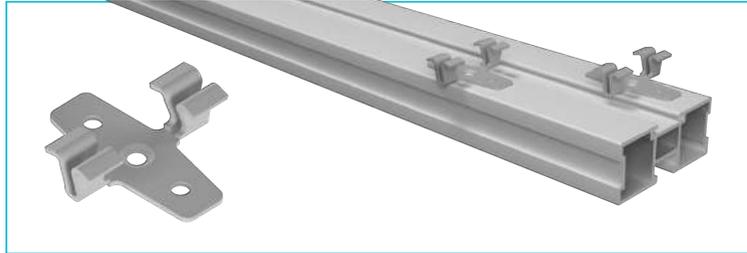
Head Without Flanges

Head used as a support of elements without gaps or joints between pieces. Product upon request. Consult availability.

Ref.	Description
0200163	Head Without Flanges



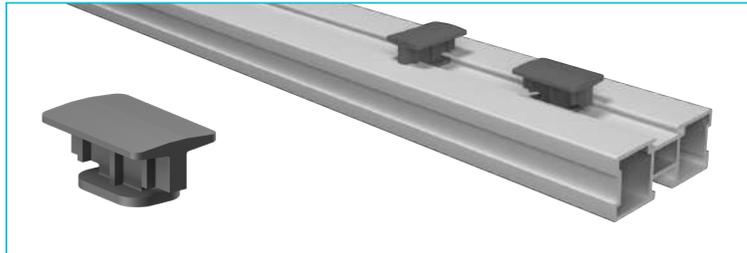
Accessories / Aluminium Joist



Steel Decking Anchor

Fixes the laminated floor permanently to the joist. It is necessary to screw it. Board between slats of 6 mm

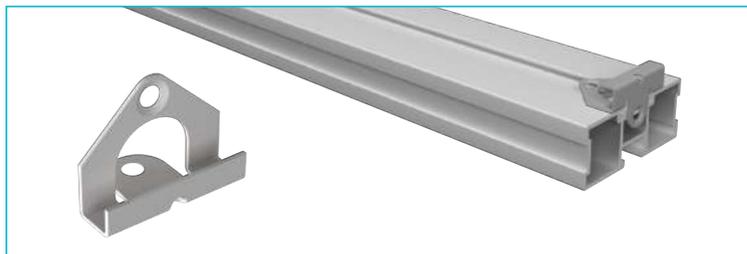
Ref.	Description	Units
0500005	Steel Decking Anchor	1



Fast Decking Anchor

Fixes the laminated floor to the aluminium joist safely and effectively without the need to screw all the pieces. Joint between slats of 4 mm.

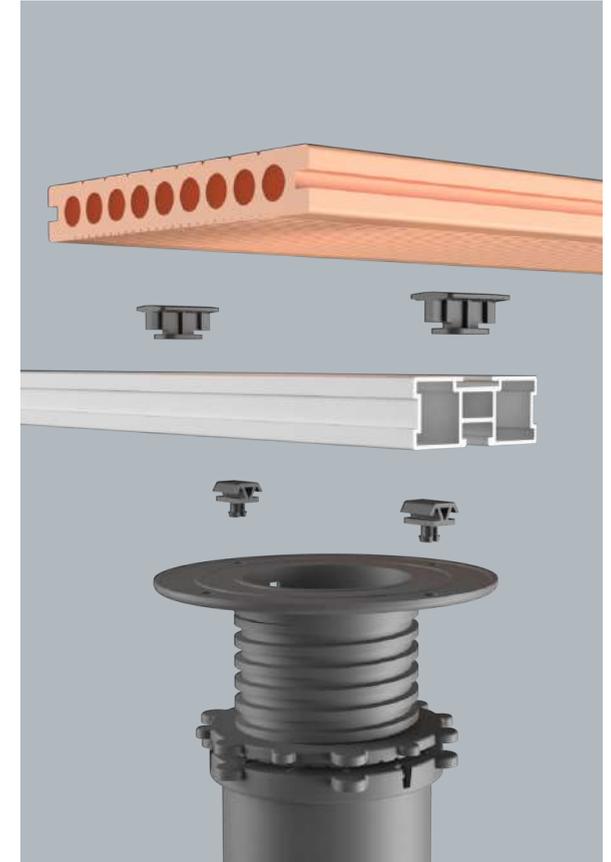
Ref.	Description	Units
0200164	Fast Decking Anchor	100



Start Decking Anchor

It works as fastening of the slats placed in the perimeter of the installation. It is necessary to screw it.

Ref.	Description	Units
0500006	Start Decking Anchor	1





Aluminium joist - HOW TO USE



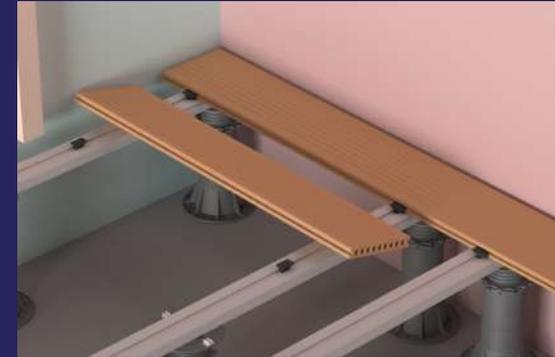
1° Set the surface

Set the surface and place the Pedestals at the right distance according to the lay out wanted, characteristics and dimensions of the slats and planking (Maximum recommended distance; between joists 30 cm, between pedestals 40 cm). It is important that the heading joints coincide with the joists.



2° Assemble the frame and level

Place the joists and assemble the frame according to the dimensions and weight of the platform. Next, level the joists.



3° Install the first slats

Start by laying the first row of the platform slats. Start by one of the corners of the area to be planked. The heading joints must always coincide with the joists.



4° Fix the slats to the joist by means of

Placing of fixings in slots in joists and slats.



5° Continue with the adjacent slats

Continue the assembly according to the previous steps.



6° Finish installation

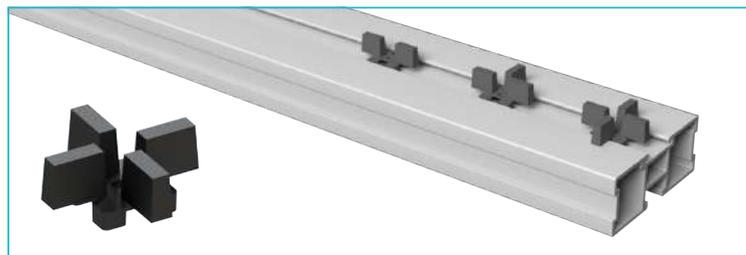
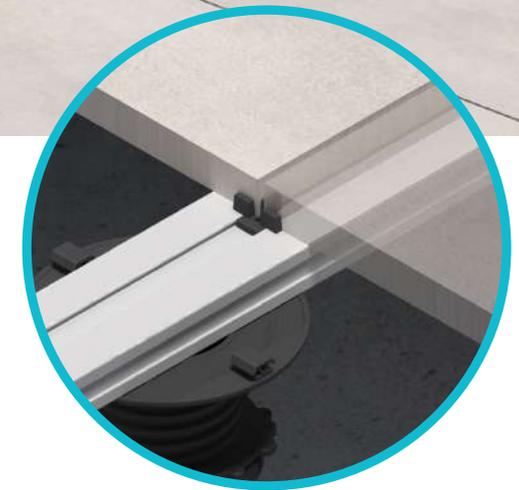
Complete and safe finish of Peygran system.



Tile Joist Spacer

They are placed in the Aluminum Joist and have the function of separating the pieces of the floor that is installed on the aluminum joist structure.

Separate efficiently with a joint between tiles of 4 mm. It can separate into I, T and X.



Tile Joist Spacer

Placed in the aluminium joist. Their function is to separate the floor effectively. Joint between tiles of 4 mm.

Ref.	Description	Units
0200165	Tile Joist Spacer	100



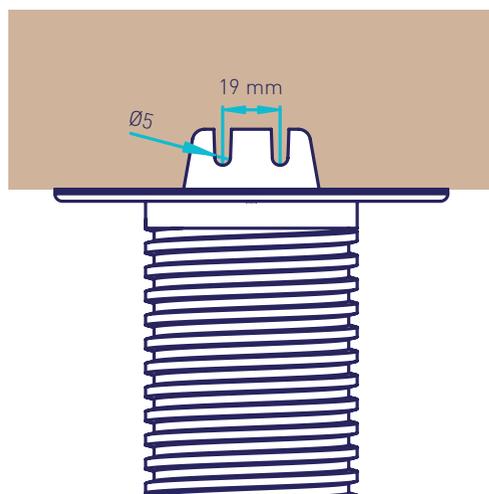
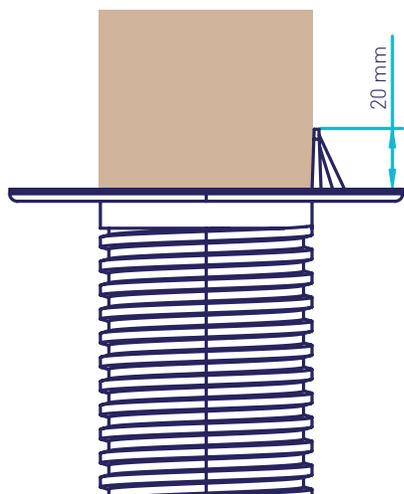
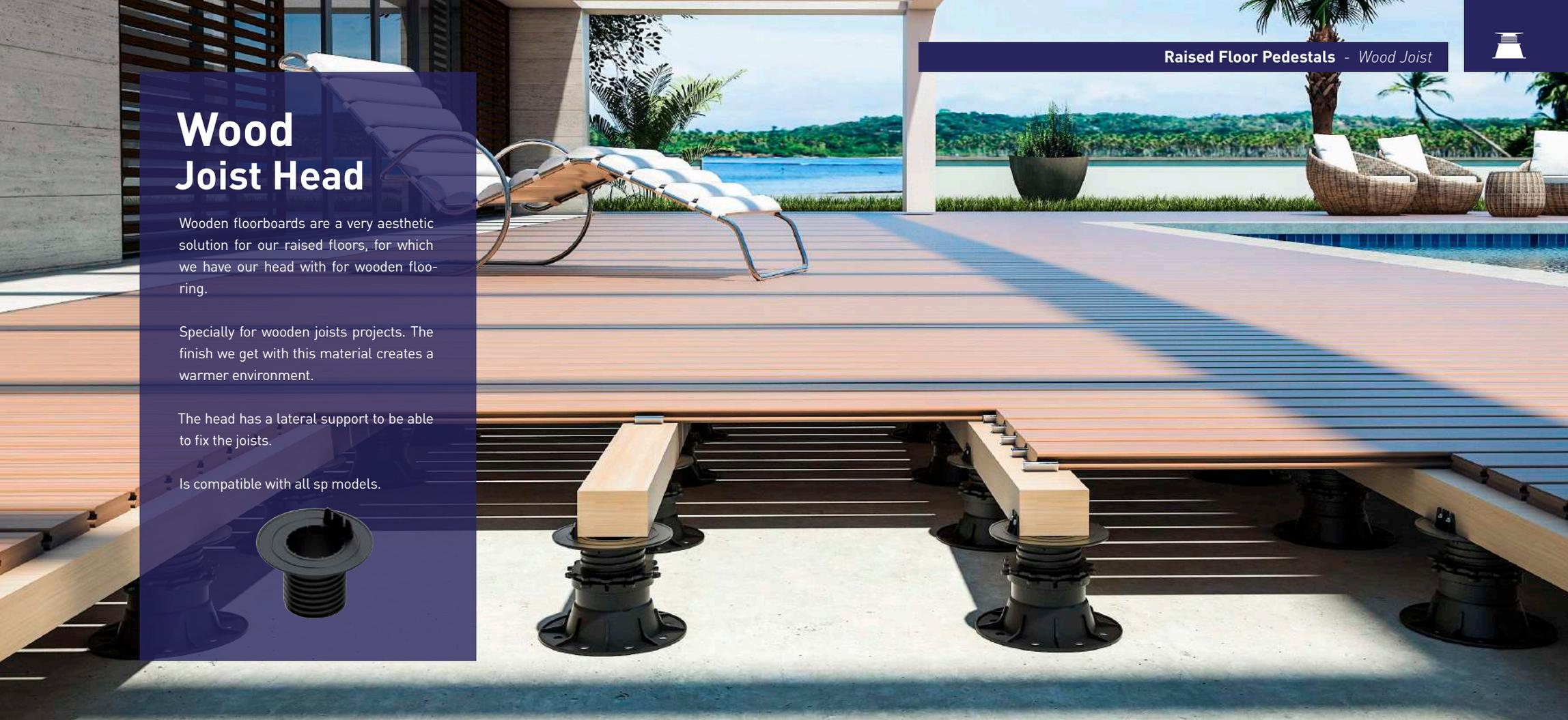
Wood Joist Head

Wooden floorboards are a very aesthetic solution for our raised floors, for which we have our head with for wooden flooring.

Specially for wooden joists projects. The finish we get with this material creates a warmer environment.

The head has a lateral support to be able to fix the joists.

Is compatible with all sp models.



Wood Joist Head

Ref.	Description
0200162	Wood Joist Head



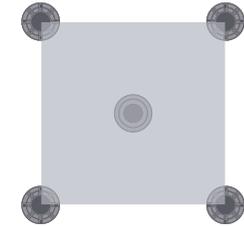
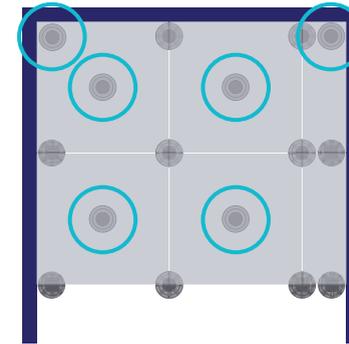
Complements



Head Without Flanges

Head used as a support of elements without gaps or joints between pieces. Product upon request. Consult availability.

Ref.	Description
0200163	Head without flanges



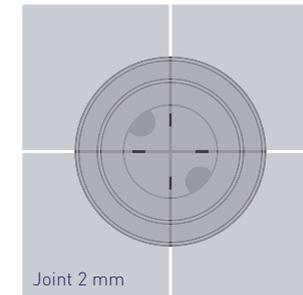
Central Pedestal
recommended for
tiles from **60x60cm**



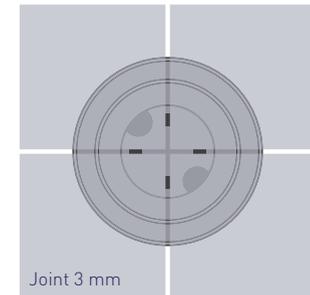
Head Joint 2mm/3mm

We offer two supplementary models for heads without flanges for finishes with different joints.

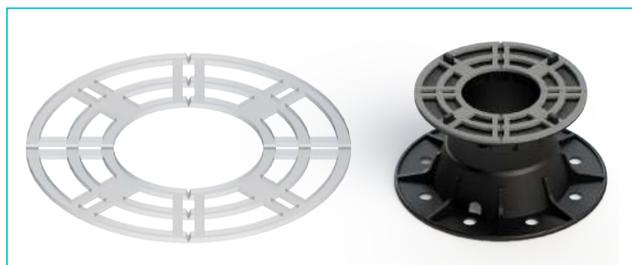
Ref.	Description
0200169	Head Joint 2 mm
0200170	Head Joint 3 mm



Joint 2 mm



Joint 3 mm

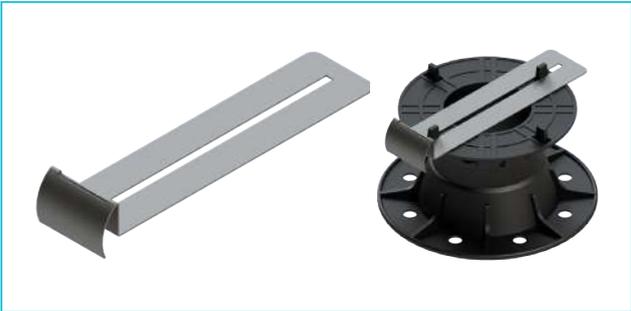


Pedestal Pad

Pads offer acoustic insulation and slip resistance. Can be cut into pieces through the existing pre-cuts to chock. 2.5 mm thick, made of elastomer material. It has 2 flanges that prevent dislocation in needs without flanges.

Ref.	Description
0200208	Pedestal Pad

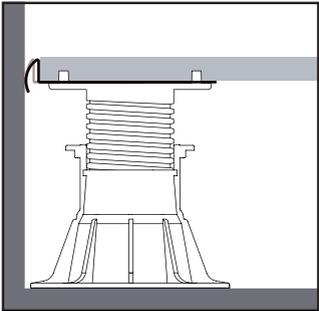




Perimeter Dilator

Works as an expansion joint in the entire perimeter of the installation of raised floors.

Ref.	Description
0200306	Perimeter Dilator



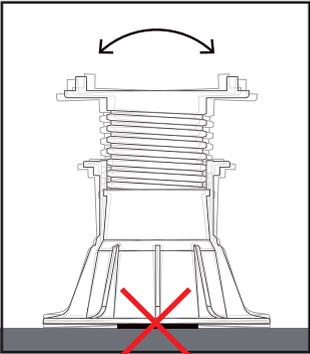
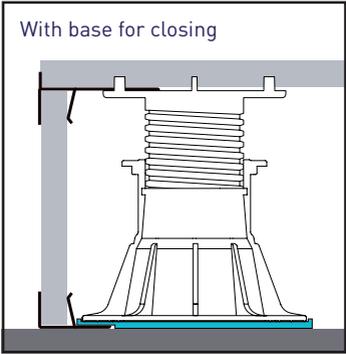
Vertical Closing

Allows us to complete the finish of raised floors that have no walls around the entire perimeter. It is also used for producing steps at different heights within a composition.

One closing is hooked to the Pedestal at the bottom and the other one at the top. For corners, put 2 at the head and 2 at the base perpendicularly.

With the base, the Pedestal does not loose strength or tilts due to the bottom sheet.

Ref.	Description
0200307	Vertical Closing



The bottom sheet fits perfectly to the base for vertical closing. In this way, the entire base of the Pedestal is supported correctly and has no reduction in resistance.

If the Pedestal tilts, it loses the base support and therefore, it loses resistance and wears.



Slope Regulator

These wedge-shaped discs allow us to adjust inclination at the base of the Pedestal easily and quickly.

Several regulators can be coupled to obtain the currents wanted and turn them individually to orientate inclination and percentage of unevenness.

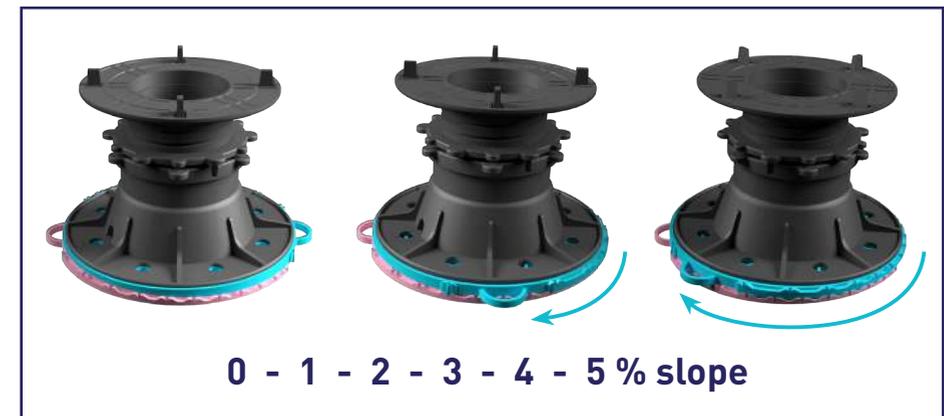
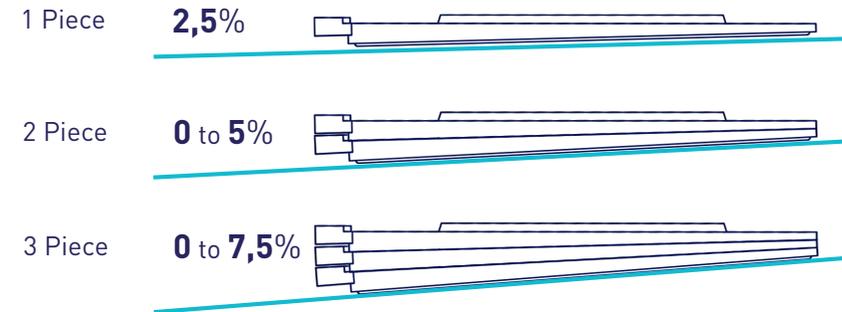
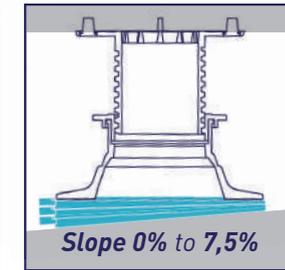
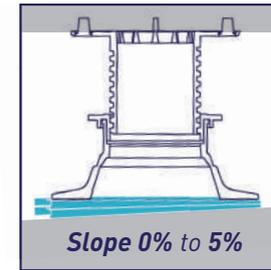
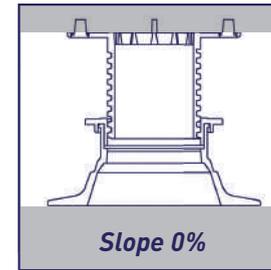
With each regulator we can obtain maximum unevenness of 2,5%.

With each regulator the Pedestal is lifted by 3 mm.



Ref.	Description	Slope
0200161	Slope Regulator	2,5 %

Positions



When several pieces are combined we can get all the inclination percentages lower than the maximum slope. We use several regulators to find the exact inclination. Each tab that we rotate to the regulator we add 0,25° of inclination



Locknut

The locknut blocks the Pedestal to avoid being loosen over time due to vibrations or adverse weather conditions.



- 1° Insert the locknut in the Pedestal head, at the top of the thread.
- 2° When the floor is levelled and the Pedestal has its final position, take it to the bottom to block the Pedestal.



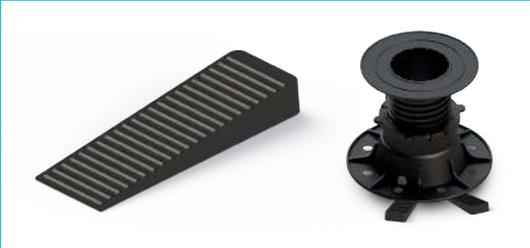
Ref.	Description
0200146	Locknut



Wrench for locknuts

Wrench for tightening the locknut against the Pedestal nut. Made of the same material as the Pedestals.

Ref.	Description
hplot	Wrench for tightening the locknut



Wedge for technical floors

Wedges for chocking technical floors. Shoulders on the wedge help fixing to the support. Made of polypropylene. Measures: 5.5mm high and 45,75mm long. Point 0.3 mm.

Ref.	Description
0200059	Wedge for technical floor

Units	Bags (per box)	Box (cm)	Weight (kg)
1.000	22	27x18x16	22



Thickened hook

Allows us to remove the floor efficiently and without effort. It avoids damaging the pieces. Opening 400-600mm. 30kg maximum.

Ref.	Description
0200172	Thickened hook





SUMMARY TABLE OF PEDESTALS

Compatibilities



REF.	Plot10	Plot15	SP	SP0	SP1	SP2	SP3	SP4	SP5	SP6
Height (mm)	10	15	37 - 50	50 - 75	80 - 130	130 - 220	220 - 310	310 - 400	400 - 490	490 - 580
Weight (gr.)	54	84	135	160	230	315	390	470	550	630
Resistance	6.000	6.000	1.300	1.300	1.400	1.500	1.500	1.500	1.500	1.500
Floating Nut	-	-	-	-	✓	✓	✓	✓	✓	✓
Inclined Base	-	-	0% - 1% - 2%	0% - 1% - 2%	0% - 1% - 2%	0% - 1% - 2%	0% - 1% - 2%	0% - 1% - 2%	0% - 1% - 2%	0% - 1% - 2%
Slope Tegulator	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Locknut	-	-	-	-	✓	✓	✓	✓	✓	✓
Pad	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Wood Joist Head	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Aluminium Joist Head	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Head Without Flanges	-	-	✓	✓	✓	✓	✓	✓	✓	✓
Head Joint 2/3 mm	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Perimeter Dilator	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Vertical Closing	-	-	✓	✓	✓	✓	✓	✓	✓	✓



1 Inclined Base

2 Slope Regulator

3 Locknut

4 Pad

5 Wood Joist Head

6 Aluminium Joist Head

7 Head Without Flanges

8 Head Joint 2/3 mm

9 Perimeter Dilator

10 Vertical Closing



Development and manufacture of parts <
and special components <

Specialized in civil engineering and construction, <
both in plastic and metal <

Technical solutions <

Own brand <

Technical advice <



C/ Castellón de la Plana, 31
03440 **Ibi** (Alicante) SPAIN



(+34) **966 550 514**
(+34) 965 554 573



info@peygran.com



www.peygran.com