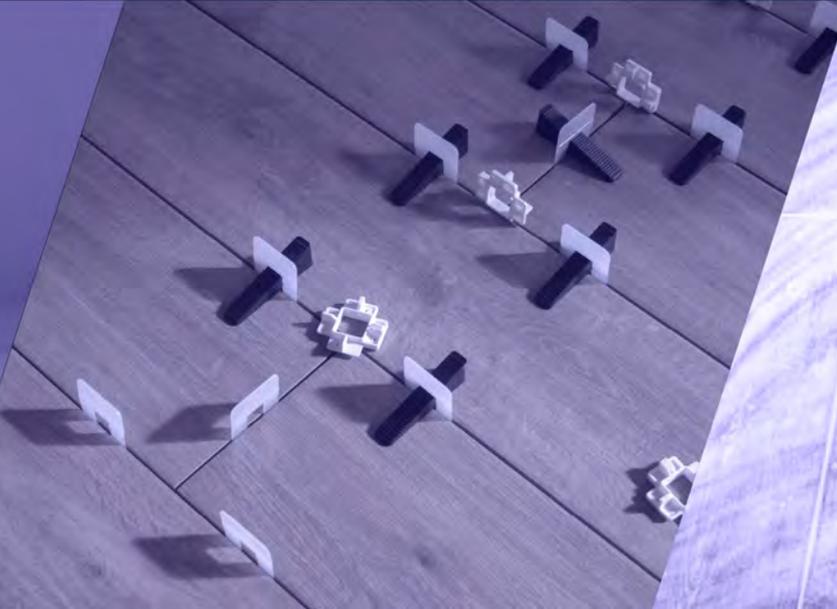




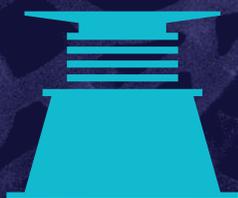
CATALOGUE

2019



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.





MODE OF USE



YouTube

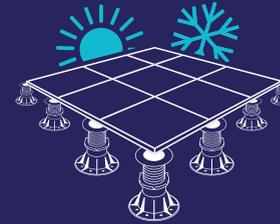
Applications

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

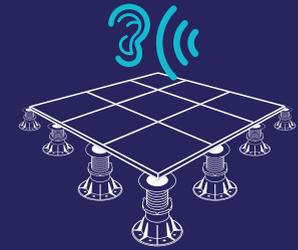
ADVANTAGES



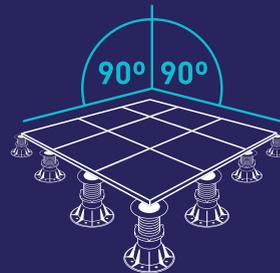
1 Perfect water disposal



2 Optimal thermal insulation



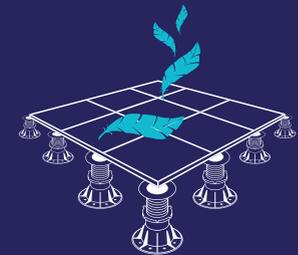
3 Greater acoustic insulation



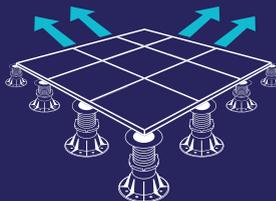
4 Complete flatness of the floor



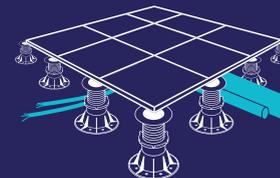
5 Passable pavement resistant to passing



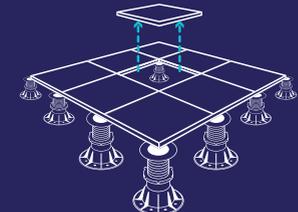
6 Light covers



7 Acts as an expansion joint



8 Easy installation of pipes and wires

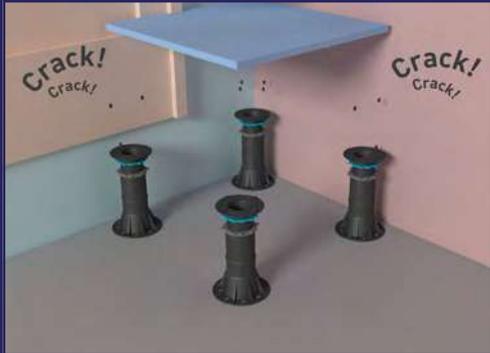


9 Entirely registrable raised floor





HOW TO USE



1° Place first Pedestals

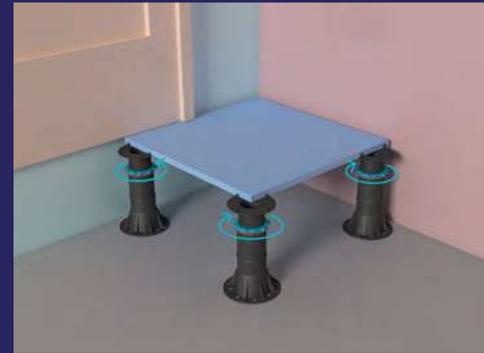
Place 4 Pedestals adjusted to the tile width. Start by a corner of the perimeter to install.

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.



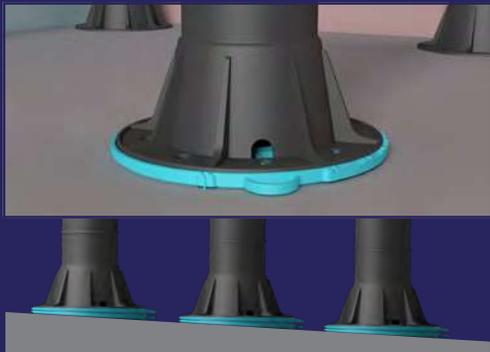
3° Fix the Pedestal

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?



Tile Format	Pedestal (Only corners)	+ Central Pedestal
450 x 450	5,8	-
500 x 500	4,4	-
600 x 600	3,2	6,1
750 x 750	2,3	4,2
900 x 900	1,7	3,1
1.000 x 1.000	1,2	2,2

Tile Format	Pedestal L<600
400 x 600	4,7
400 x 1.200	4,7
450 x 900	5,8
600 x 1.200	4,2

- Approximate quantity by the manufacturer.
 - Repercussion for terrace of 10x10m (100m²)
 with max. separation between pedestals of 600mm.

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.



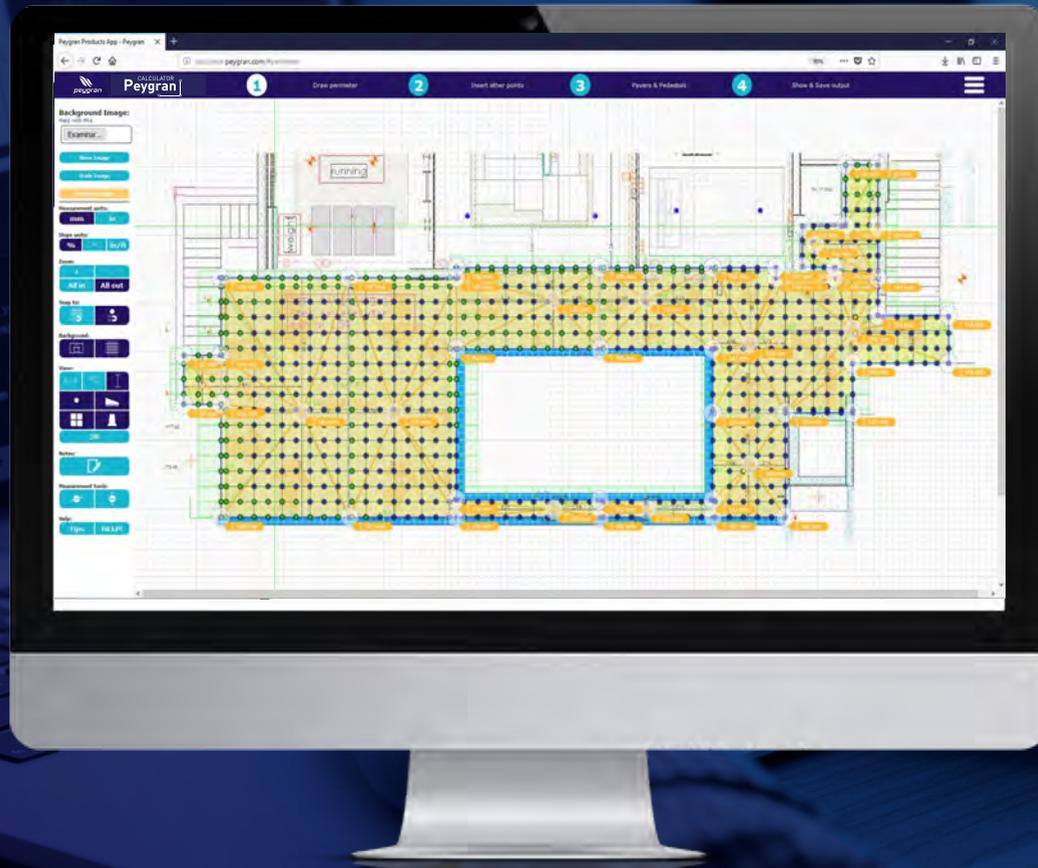


CALCULATOR Peygran

www.peygran.com

Automatically calculate the pedestals you need.

With our Peygran Calculator software 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.



CALCULATOR Peygran

Project: Peygran project
Date: 00/00/00 at 00:00
Notes:

3. Plot detail:

Model	Description	Quantity
x	Not enough height for paving	-
+	Undefined (< 10 mm)	-
Fixed plot 10	Height of 10	0
Fixed plot 15	Height of 15	0
SP	Height from 37 - 50	0
SP0	Height from 50 - 75	0
SP1	Height from 80 - 130	0
SP2	Height from 130 - 220	0
SP3	Height from 220 - 310	0
SP4	Height from 310 - 400	0
SP5	Height from 400 - 490	0
SP6	Height from 490 - 580	0

This color refers to image 1. Approximate number of pieces.

2

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**CALCULATE
NOW**

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.

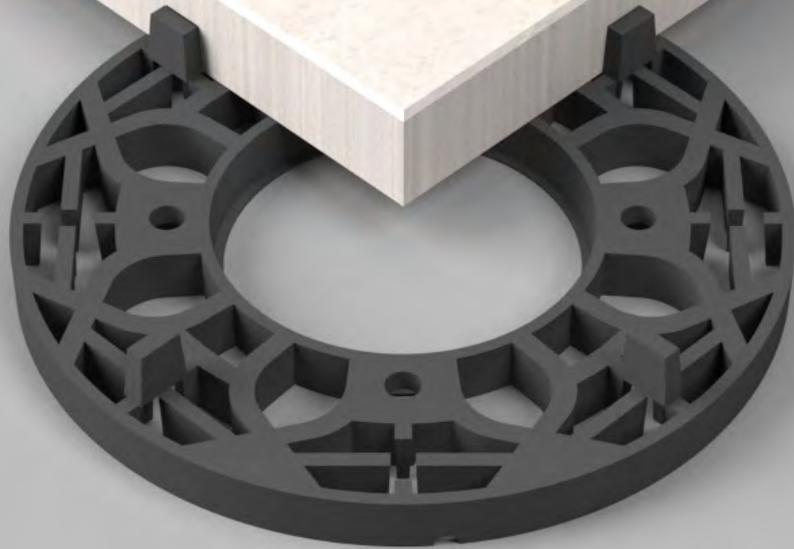
The calculation can be downloaded in pdf with all necessary components disaggregated. You can save and load your projects to consult, make modifications or request a quote directly.

Image 2: Use of slope correctors

Table B: Slope corrector details		
*	Description	Quantity**
○	No slope correction needed.	-
●	Regulador inclinación Type: Regulador inclinación	304
●	Regulador inclinación Type: Regulador inclinación Units: 2	370



Fixed Pedestals

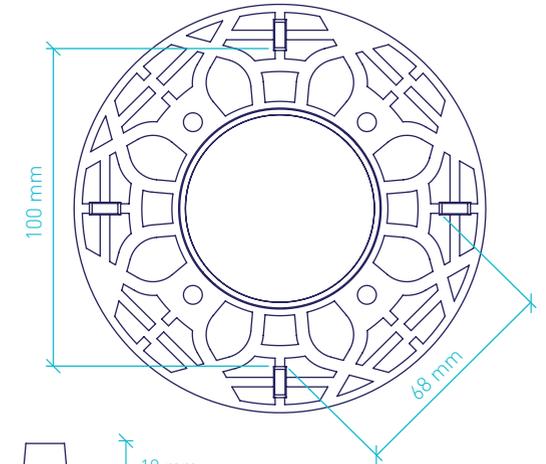


10 and 15 mm Fixed Pedestals

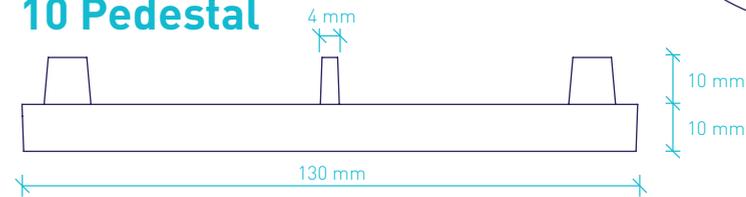
Non-adjustable Pedestals are 10 and 15mm. Can be fitted to each other to reach the height wanted.

Compatible with pads and adjustable Pedestals. Can be fitted to the head.

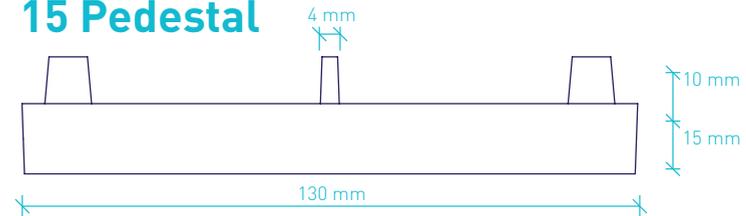
Base only available without inclination. Resistance over 6,000 Kg.



10 Pedestal



15 Pedestal



Ref.	Description	mm	 Units (per box)	 Box (cm)	 Weight (kg)
03040000A	10 mm fixed Pedestal	10	444	59x39x41	23,98
03040001A	15 mm fixed Pedestal	15	300	59x39x41	25,20



Adjustable 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.

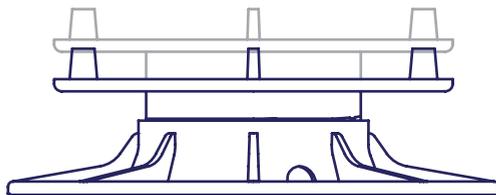
The base is available flat and 1 and 2% inclination.

Resistance over 1,500kg

Top Diameter	130 mm
Bottom Diameter	160 mm

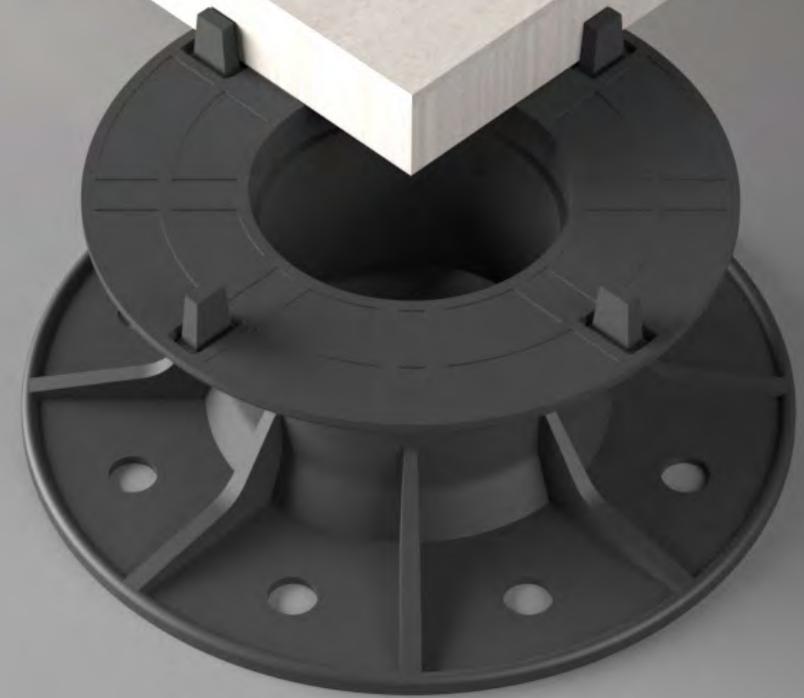
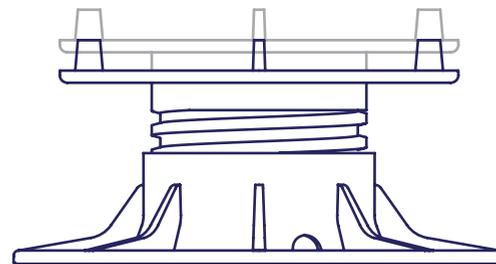
SP

37 - 50 mm



SP0

50 - 75 mm



Ref.	Description	mm	 Units <i>(per box)</i>	 Box <i>(cm)</i>	 Weight <i>(kg)</i>
03040010B	SP Raised Floor Pedestals	37 - 50	96	59x39x41	12,52
03040011B	SP0 Raised Floor Pedestals	50 - 75	72	59x39x41	11,38



Adjustable Pedestal SP1 y SP2



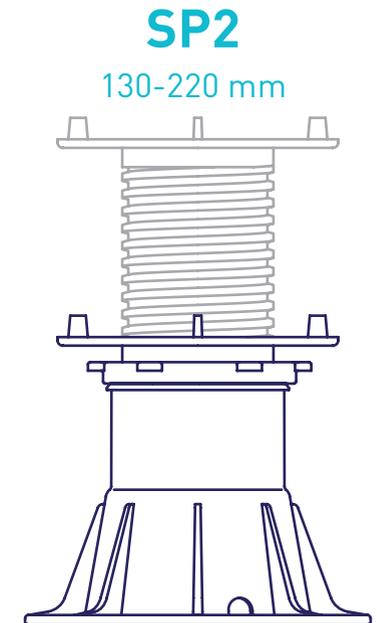
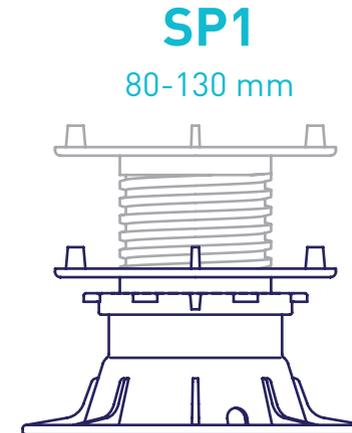
Adjustable Pedestals.

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 mm
Bottom Diameter	160 mm



Ref.	Description	mm	 Units (per box)	 Box (cm)	 Weight (kg)
03040012B	SP1 Raised Floor Pedestals	80 - 130	48	59x39x41	11,30
03040013B	SP2 Raised Floor Pedestals	130 - 220	40	59x39x41	12,56



Adjustable Pedestal

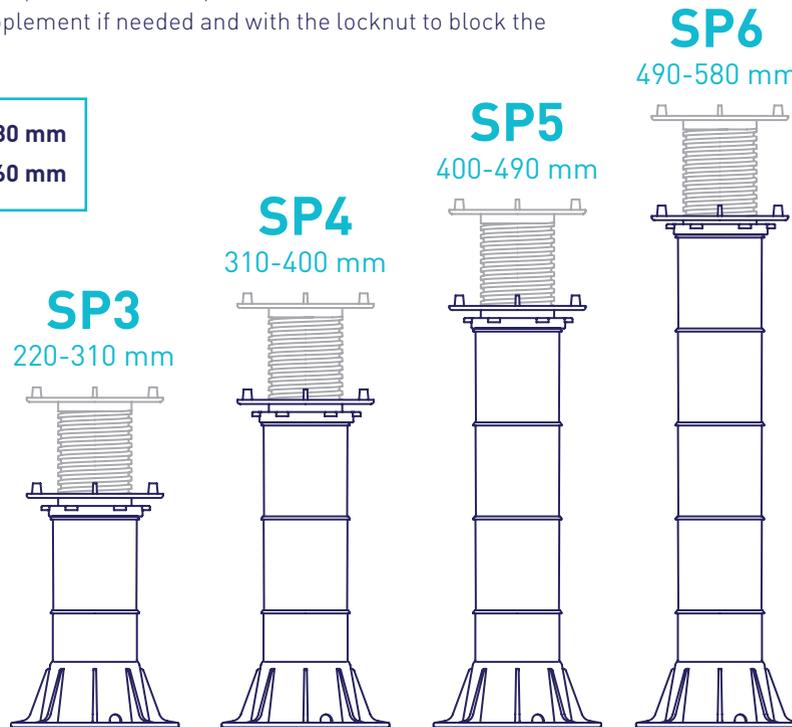
SP3 - SP4 - SP5 - SP6

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 mm
Bottom Diameter	160 mm

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

Resistance over 1,500kg.



Ref.	Description	mm	Units (per box)	Box (cm)	Weight (kg)
03040014B	SP3 Raised Floor Pedestals	220 - 310	20	59x39x41	7,43
03040015B	SP4 Raised Floor Pedestals	310 - 400	15	59x39x41	5,62
03040016B	SP5 Raised Floor Pedestals	400 - 490	12	59x39x41	6,54
03040017B	SP6 Raised Floor Pedestals	490 - 580	12	59x39x41	7,46

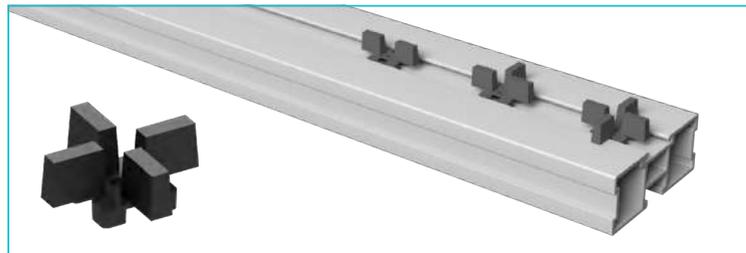
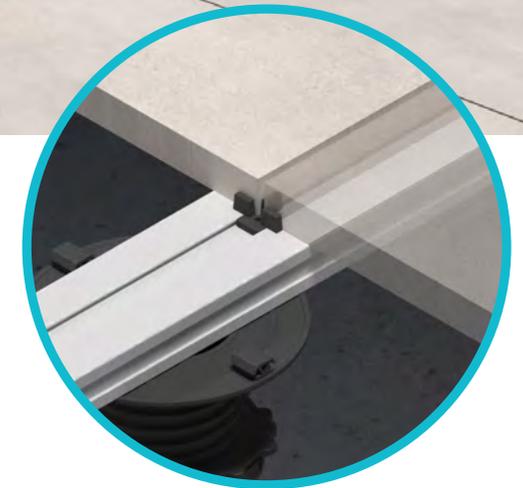




Tile Joist Spacer

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
03040131E	Tile Joist Spacer	100



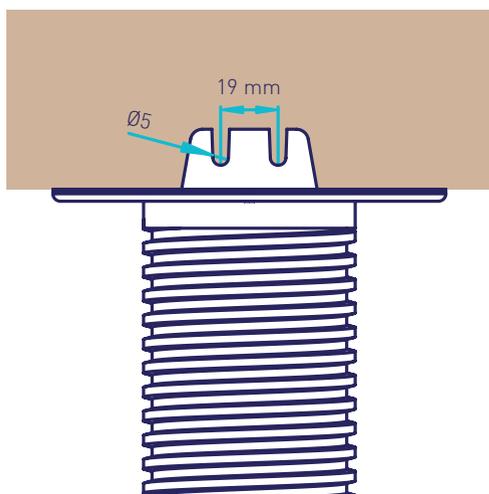
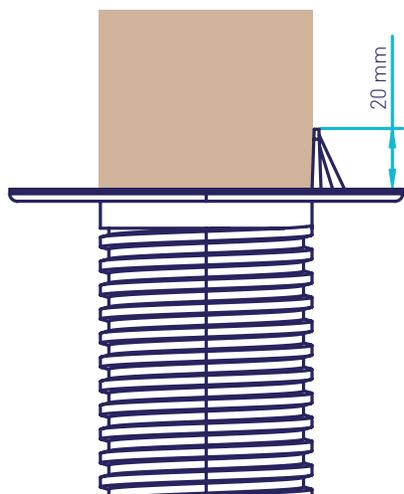
Wood Joist Head

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**

03040100Z Wood Joist Head



Complements

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.

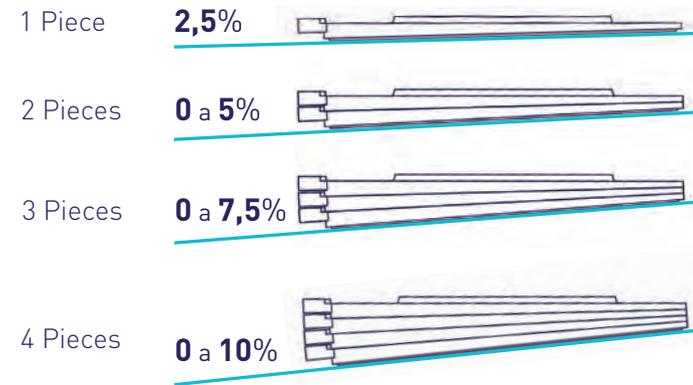
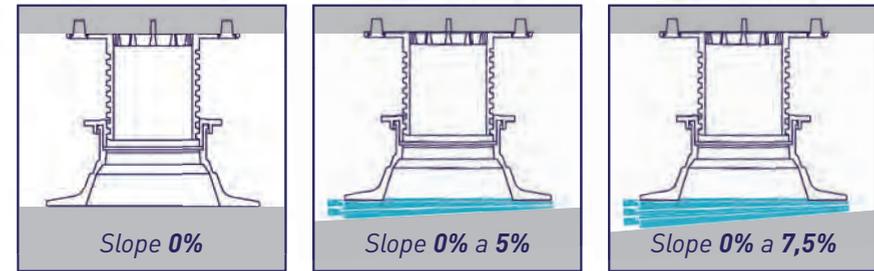
With each regulator we can obtain maximum unevenness of 2,5%.

With each regulator the Pedestal is lifted by 3 mm.



Ref.	Description	Slope
03040120Z	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.

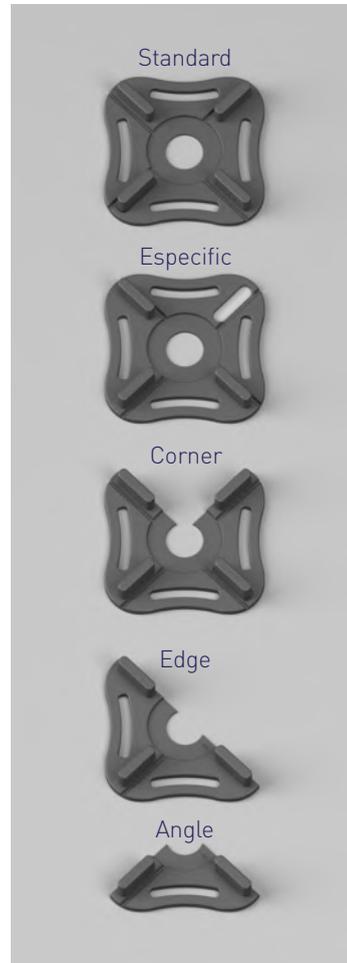
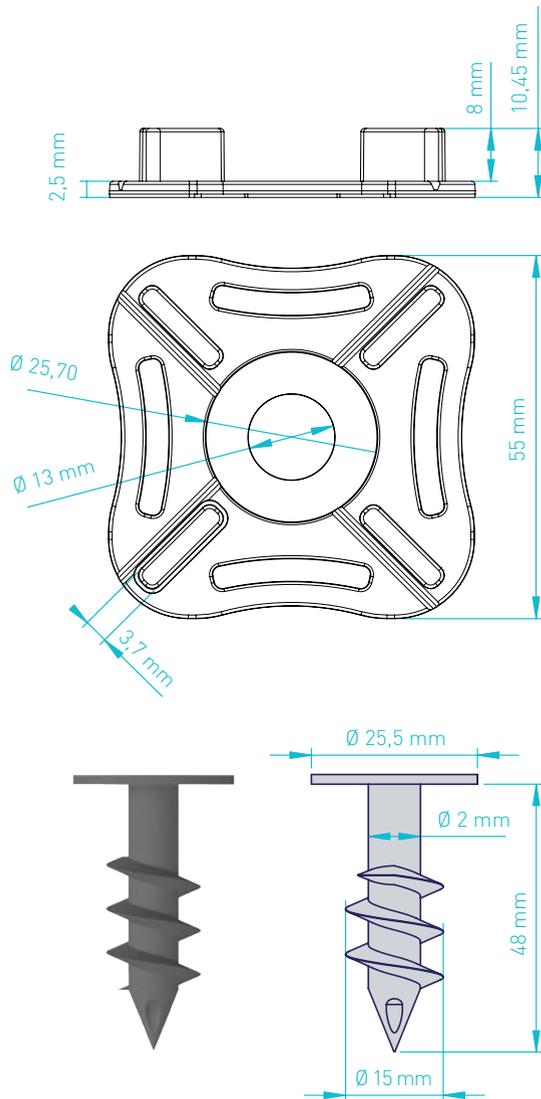


NEW

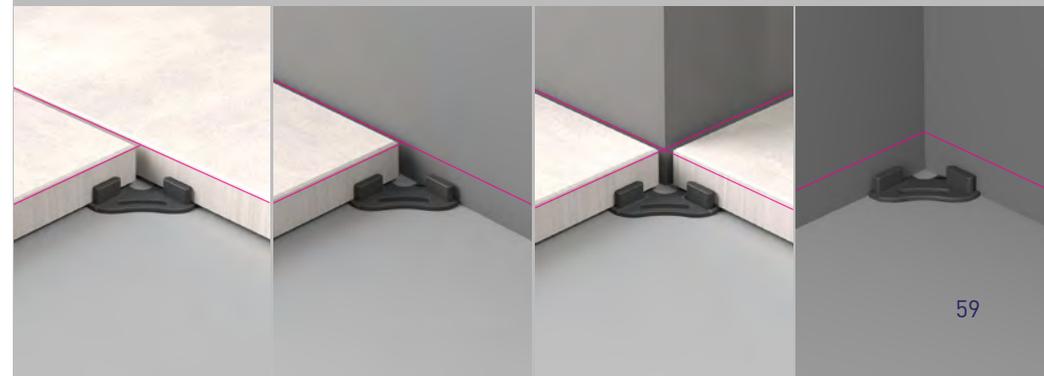
Slab Spacer

4 mm Spacer for ceramic tiles. Designed for installing floors directly over gravel, sand and grass. Thanks to its spacers and base, allows a more stable and homogeneous finish.

The piece has different nerves to facilitate modification, according to the needs of the installation. 2,5 mm thickness; can be locked with our polyamide screws.



Ref.	Description	mm	Units	Units (per box)	Box (cm)	Weight (kg)
03030101B	Slab Spacer	4	50	-	-	-
03030400B	Screw	130	50	50	-	-
03030410B	Screw	80	50	50	-	-
03030420B	Screw	45	50	50	-	-

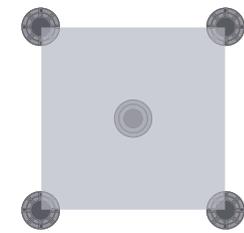
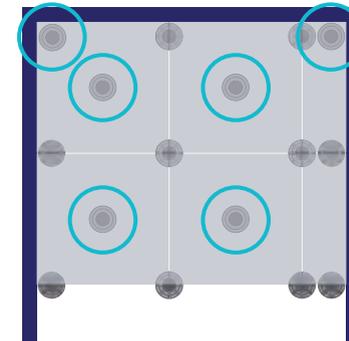




Head Without Flanges

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

Ref.	Description
03040101Z	Head Without Flanges



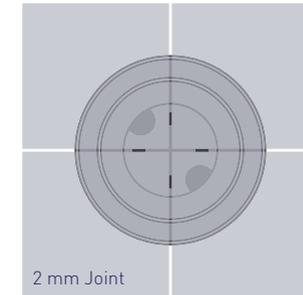
Central Pedestal recommended for tiles from 60x60cm



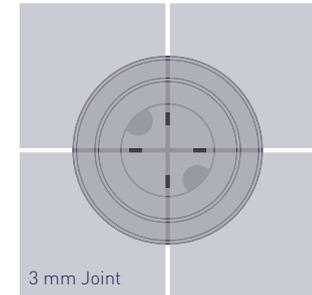
Head Joint 2mm/3mm

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

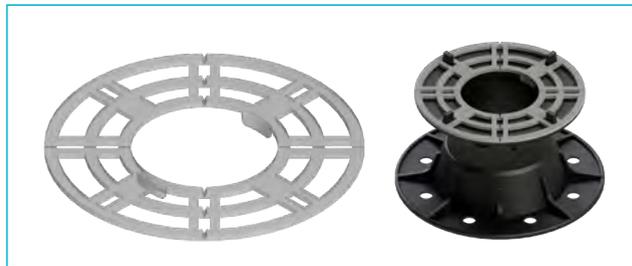
Ref.	Description
03040102Z	Head Joint 2 mm
03040103Z	Head Joint 3 mm



2 mm Joint



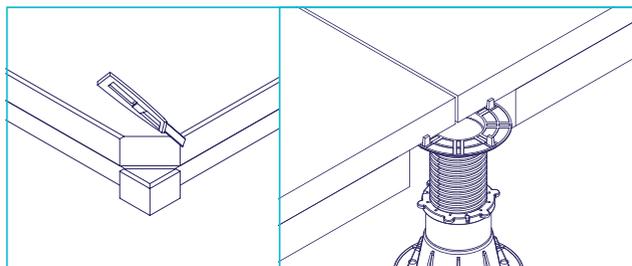
3 mm Joint



Pedestal Pad

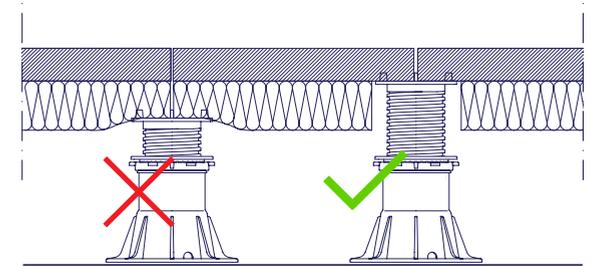
Pads offer acoustic insulation and slip resistance. Can be cut into pieces through the existing pre-cuts to chock. 2.5 mm thick, made of elastomer material. It has 2 flanges that prevent dislocation in heads without flanges.

Ref.	Description
03040121Z	Pedestal Pad



Use of insulated tile

Do not support tiles with insulation on pedestals directly. The use of tiles with attached insulation supported on pedestals is not very efficient since the open joint between tiles causes the ventilation of the chamber rendering the insulation useless. XPS-type insulation undergoes short-term deformation and increases in the long term. We recommend to cut the corner of the insulation guaranteeing the correct rigid support of the tile on the pedestal, thus avoiding the deformation of the insulation.

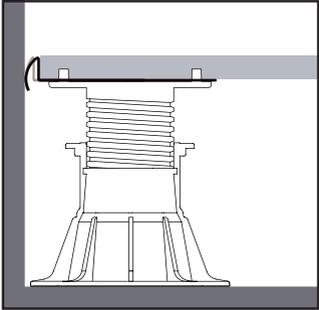




Perimeter Dilator

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

Ref.	Description
03040133Z	Perimeter Dilator



Vertical Closing

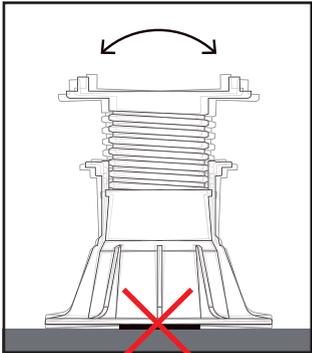
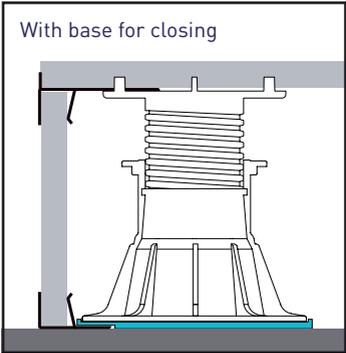
Allows us to complete the finish of raised floors that have no walls around the entire perimeter. It is also used for producing steps at different heights within a composition.

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.

Includes: *top sheet, bottom sheet and base*

Ref.	Description
03040134Z	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.



Locknut

The locknut blocks the Pedestal to avoid being loosened 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
------	-------------

03040110Z	Locknut
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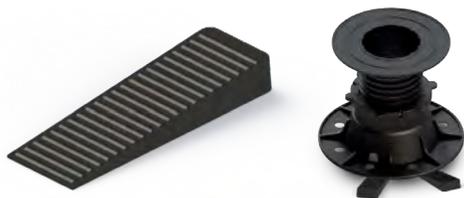


Wrench for Locknuts

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

Ref.	Description
------	-------------

03040111Z	Wrench for Locknuts
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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
------	-------------

03040122N	Wedge for technical floor
-----------	---------------------------

Units	Bags (per box)	Box (cm)	Weight (kg)
1.000	20	27x18x16	22



Slab Lifter

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

Ref.	Description
------	-------------

03040150Z	Slab Lifter
-----------	-------------





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	-	-	-	-	✓	✓	✓	✓	✓	✓
1 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%
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	-	-	✓	✓	✓	✓	✓	✓	✓	✓



1 0 - 1 - 2 % Slope

2 2,5 % Slope

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 <



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