



General catalogue
2025



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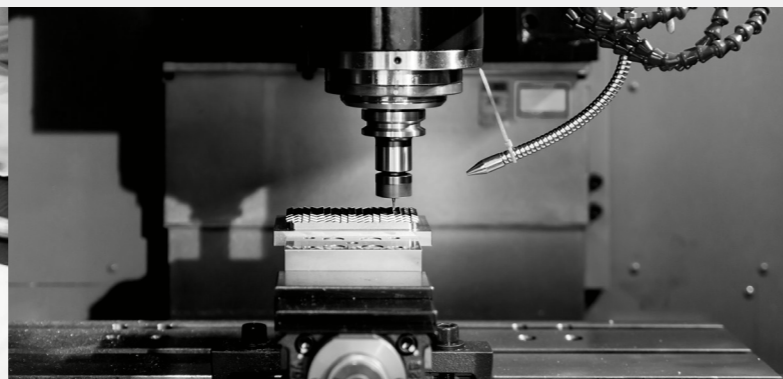


Changing the rules

What really makes us stand out is not what we do or how we do it, but

WHY we do it.

Designed and manufactured in Spain



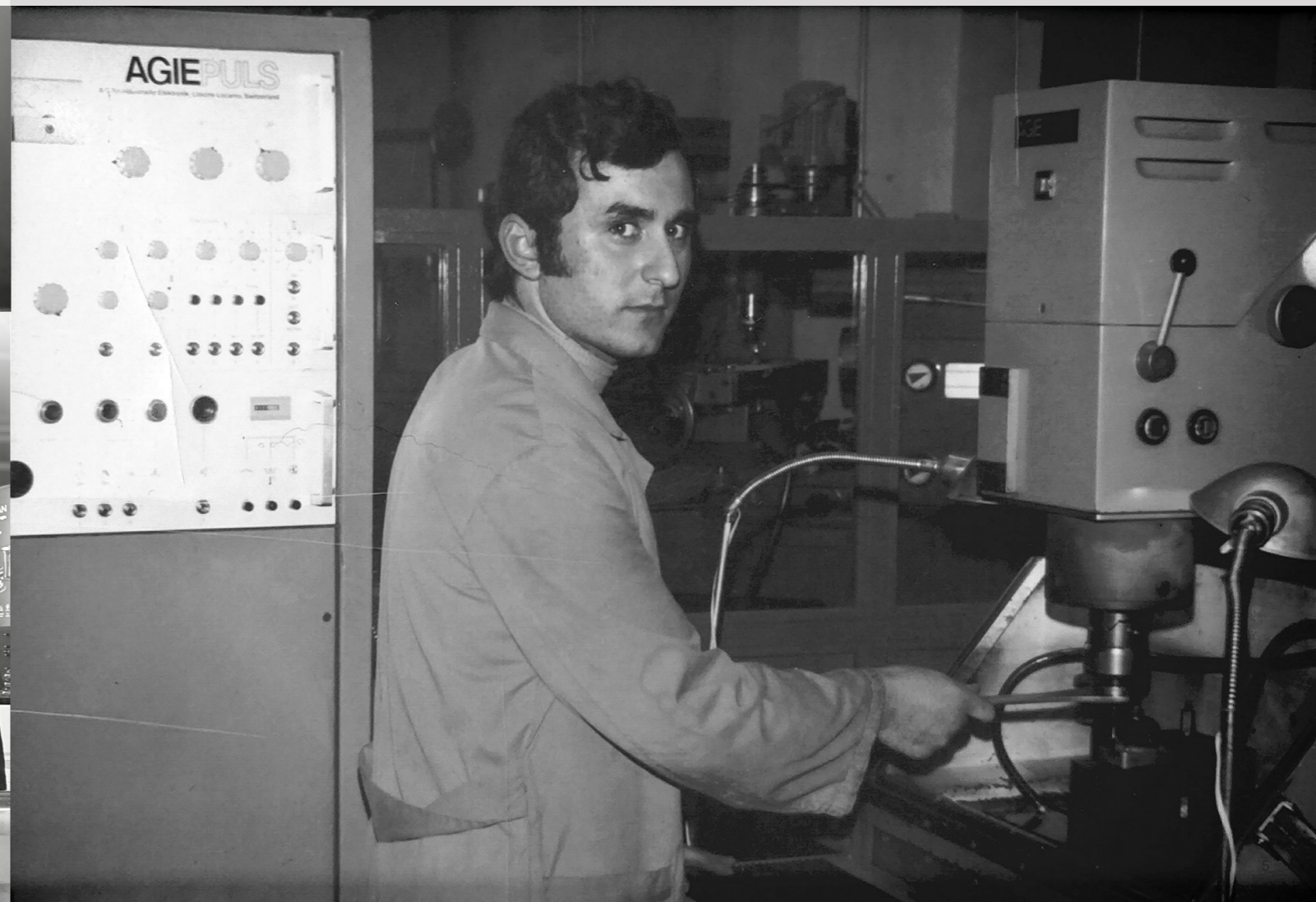
Our history

Right since Peygran's creation, every day we have striven to seek new ways for workers to do their job better and more easily.

We have followed the route of innovation to become the reference brand in the construction solutions market and to facilitate the professionals' tasks, focusing on quality and design. Throughout the years, the company has grown on the

solid foundations that are our corporate principles, shared by the organisation and valued by the client community.

Our nature and the way we act has become the bases on which the company has developed, bringing value and recognising the work done by construction professionals.



Let's talk!

We are waiting for you in our networks!

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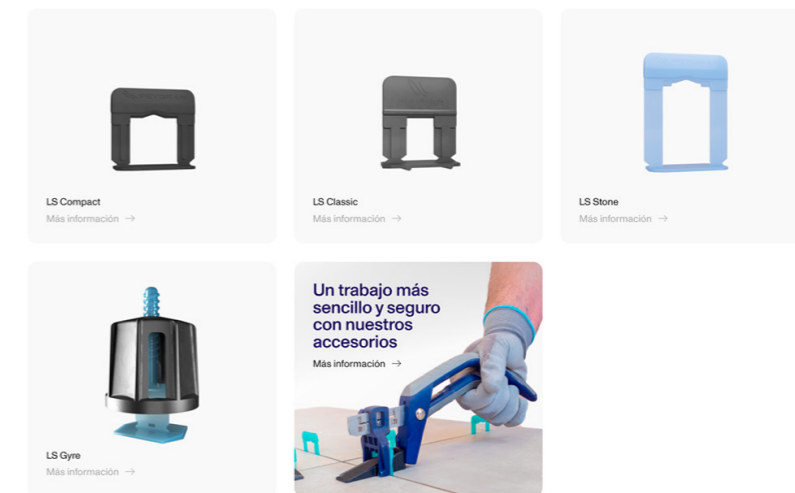
If you are part of the Peygran community, you will be the first to know about our new launches, tips, videos, conferences, raffles and much more.



Check all our products on our website.

www.peygran.com

You can access our online catalog and ask for data sheets and additional information on our products and services. You can also have immediate information on our latest developments.



La herramienta perfecta

El sistema de nivelación de baldosas asegura que su instalación de baldosas estará nivelada en el punto de baldosas a baldosas y evitará que las baldosas se deformen y se desplacen a medida que el mortero se cura. Coloca tus baldosas rectas y uniformes tanto en suelos como en paredes.

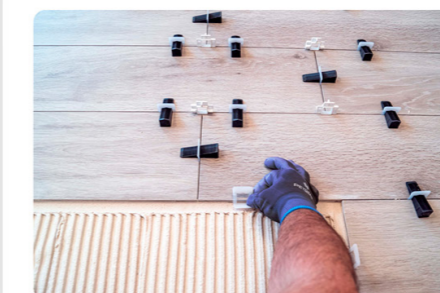
[Más información >](#)



Rápido y 100% efectivo

El sistema de nivelación Peygran asegura la planitud entre baldosas, evitando los movimientos durante el fraguado del mortero. Con ello, reduciremos los tiempos de colocación de la cerámica, consiguiendo un acabado perfecto y sin escalones.

[Más información >](#)



Olvidate del estrés de nivelar

El sistema de nivelación Peygran asegura la planitud entre baldosas, evitando los movimientos durante el fraguado del mortero. Con ello, reduciremos los tiempos de colocación de la cerámica, consiguiendo un acabado perfecto y sin escalones.

[Más información >](#)

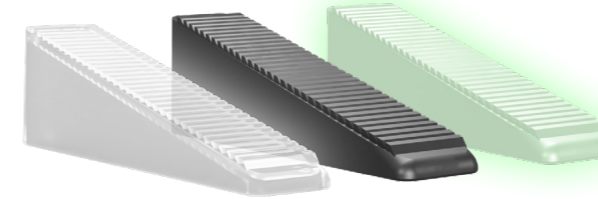


LS Levelling

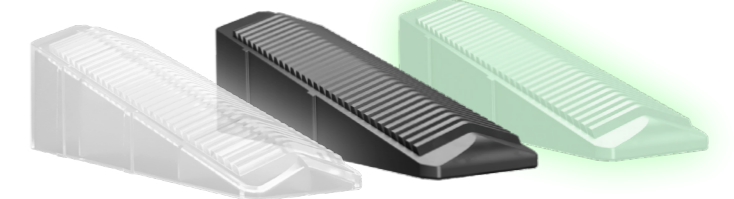


LS Classic Wedges LS Compact Wedges

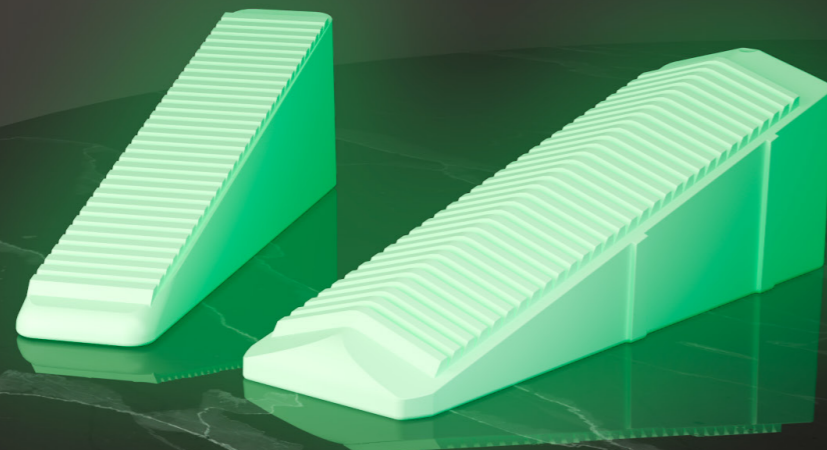
- Transparent
- Black
- Strong



LS Classic Wedge Transparente LS Classic Black Wedge LS Classic Strong Wedge



LS Compact Wedge Transparente LS Compact Wedge Transparente LS Compact Wedge Transparente



COMPATIBILITY



REF.	ARTICLE	PACKING				COMPATIBILITY		
						Calzo Classic	Calzo Compact	Calzo Stone
03010201E	LS Classic Wedge Transparent 100 units	37	582x400x385	16,66	8436585254507	YES	YES	YES
03010201I	LS Classic Wedge Transparent 300 units	12	582x400x385	15,36	8436585254514	YES	YES	YES
03010201L	LS Classic Wedge Transparent 500 units	7	582x400x385	14,54	8436585254521	YES	YES	YES
03010200E	LS Classic Wedge 100 units	37	582x400x385	18,35	8425402085172	YES	YES	YES
03010200I	LS Classic Wedge 300 units	12	582x400x385	17,28	8425402085158	YES	YES	YES
03010200L	LS Classic Wedge 500 units	7	582x400x385	16,80	8425402085042	YES	YES	YES
03010202E	LS Classic Wedge Strong 100 units	30	582x400x385	17,21	8436585255542	YES	YES	YES
03090201D	LS Compact Wedge Transparent 80 units	30	582x400x385	14,72	8436585254484	NO	YES	YES
03090201H	LS Compact Wedge Transparent 200 units	12	582x400x385	14,98	8436585254491	NO	YES	YES
03090200D	LS Compact Wedge 80 units	30	582x400x385	16,97	8436585253555	NO	YES	YES
03090200H	LS Compact Wedge 200 units	12	582x400x385	16,97	8436585253562	NO	YES	YES
03090202D	LS Compact Wedge Strong 80 units	30	582x400x385	21,98	8436585255559	NO	YES	YES



100 / 300 / 500 units



80 / 200 units



Black Wedges

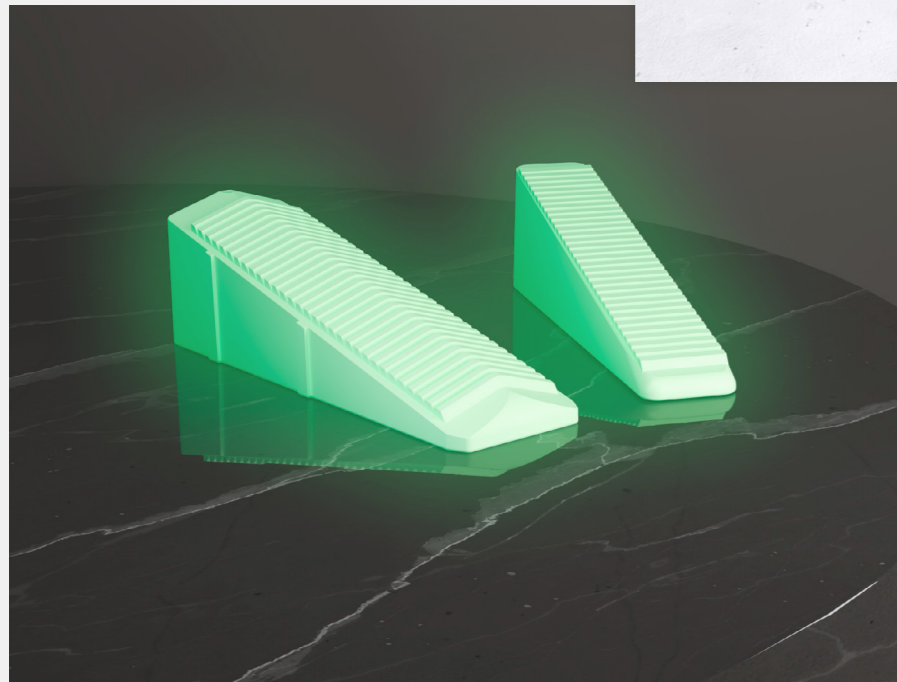
Our traditional wedge, hard-wearing and suitable for any kind of installation.

If you want an additional safeguard when using it with delicate, light-coloured ceramics, we recommend installing it with the protector.

Transparent Wedges

These models prevent staining on the most delicate tiles and, therefore, provide greater protection.

The narrow version is compatible with the LS Classic, LS Compact and LS Stone systems.
The wide version is compatible with the LS Compact and LS Stone systems.



Strong Wedges

The ultra-resistant material used in this wedge extends its useful life, making it even more cost-effective to use.

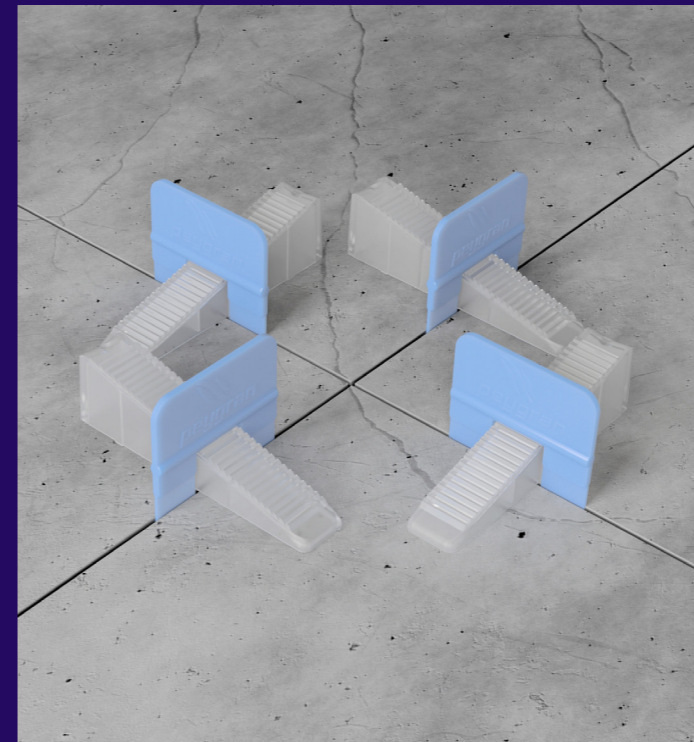
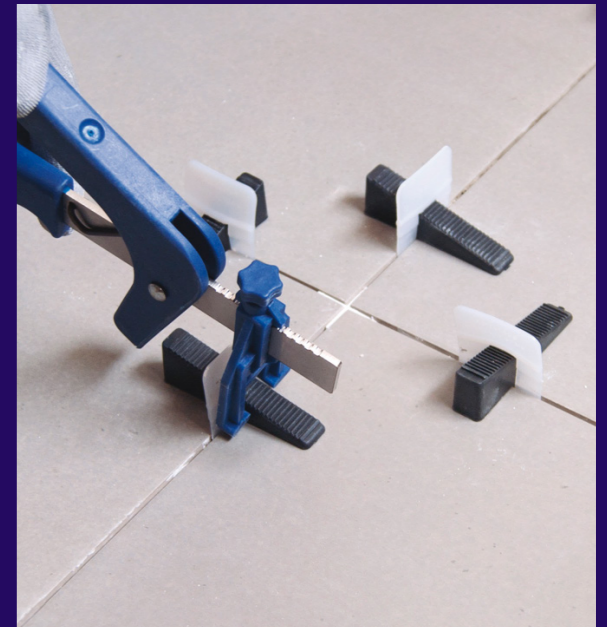
Furthermore, it is made of a material that neither stains nor damages the tiles. And if that wasn't enough, it has luminescent properties that make it shine in the dark after being exposed to the light.





LS Classic™

An essential classic

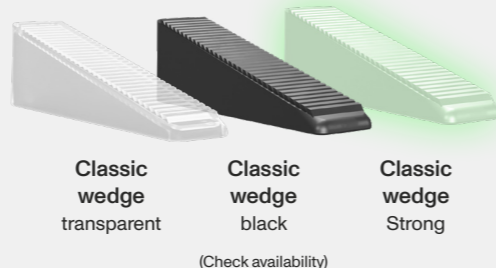
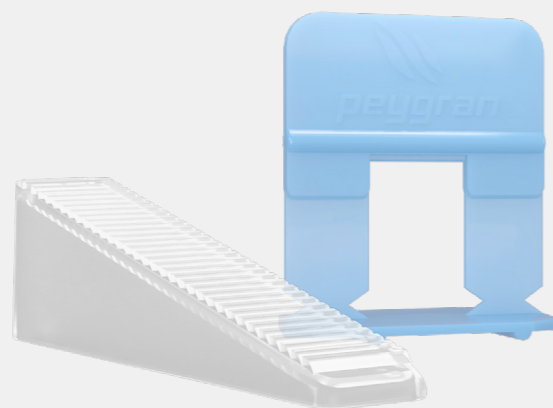


Your trusted ally

The Peygran LS Classic levelling system is an infallible and robust system, allowing you to work with heavy pieces.

It offers 5 different crosshead size options and is designed to provide a perfect break. It is one of the brand's most internationally renowned products.

LS Classic™



0,5 mm 1/51"
1 mm 1/32"
1,5 mm 1/16"
2 mm 1/12"
3 mm 1/8"

Classic wedge transparent
Classic wedge black
Classic wedge Strong
(Check availability)



LS Classic Clip

Renamed as Classic Clip, our typical crosshead has an extremely high tensile strength to adjust heavy parts in a fast and effective way.

It has some side cuts (patented) that facilitate removing them after the installation has been completed (mortar setting) in an easy way, just tapping sideways in joint direction, skipping the mentioned points that remain under the levelled part.

LS Classic Wedge

The Classic Wedge fits into the Clip Classic with our pliers. Have saw-shaped teeth to be adjusted to the crosshead precisely and achieve top efficiency. The wedge base is round not to damage ceramics. Wedges can be reused.

LS Classic™

REF.	ARTICLE	PACKING			
03010105E	LS Classic Clip 0,5 mm 1/51" 100 units	30	582x400x385	14,89	8425402089828
03010105I	LS Classic Clip 0,5 mm 1/51" 300 units	12	582x400x385	13,82	8425402089835
03010105L	LS Classic Clip 0,5 mm 1/51" 500 units	7	582x400x385	13,23	8425402089880
03010110E	LS Classic Clip 1 mm 1/32" 100 units	30	582x400x385	13,46	8425402085189
03010110I	LS Classic Clip 1 mm 1/32" 300 units	12	582x400x385	14,72	8425402085165
03010110L	LS Classic Clip 1 mm 1/32" 500 units	7	582x400x385	14,27	8425402085592
03010115E	LS Classic Clip 1,5 mm 1/16" 100 units	30	582x400x385	15,69	8425402090046
03010115I	LS Classic Clip 1,5 mm 1/16" 300 units	12	582x400x385	17,92	8425402090053
03010115L	LS Classic Clip 1,5 mm 1/16" 500 units	7	582x400x385	17,35	8425402090060
03010120E	LS Classic Clip 2 mm 1/12" 100 units	30	582x400x385	15,66	8425402085202
03010120I	LS Classic Clip 2 mm 1/12" 300 units	12	582x400x385	18,23	8425402085196
03010120L	LS Classic Clip 2 mm 1/12" 500 units	7	582x400x385	17,69	8425402085578
03010130E	LS Classic Clip 3 mm 1/8" 100 units	30	582x400x385	15,65	8425402085226
03010130I	LS Classic Clip 3 mm 1/8" 300 units	12	582x400x385	18,46	8425402085219
03010130L	LS Classic Clip 3 mm 1/8" 500 units	7	582x400x385	18,53	8425402085561
03010140D	LS Classic Clip Stone 1 mm 1/32" 80 units	30	582x400x385	17,52	8425402085325
03010140I	LS Classic Clip Stone 1 mm 1/32" 300 units	8	582x400x385	15,43	8425402085134
03010201E	LS Classic Wedge Transparent 100 units	37	582x400x385	16,66	8436585254507
03010201I	LS Classic Wedge Transparent 300 units	12	582x400x385	15,36	8436585254514
03010201L	LS Classic Wedge Transparent 500 units	7	582x400x385	14,54	8436585254521
03010200E	LS Classic Wedge 100 units	37	582x400x385	18,35	8425402085172
03010200I	LS Classic Wedge 300 units	12	582x400x385	17,28	8425402085158
03010200L	LS Classic Wedge 500 units	7	582x400x385	16,80	8425402085042
03010202E	LS Classic Wedge Strong 100 units	30	582x400x385	17,21	8436585255542

Tol: + -0,1 mm

REF.	ARTICLE	PACKING			
03010400E	LS Classic KIT 0,5 mm 1/51" 100 units	8	582x400x385	12,22	8425402089859
03010400K	LS Classic KIT 0,5 mm 1/51" 400 units	2	582x400x385	8,34	8425402089866
03010410E	LS Classic KIT 1 mm 1/32" 100 units	8	582x400x385	12,40	8425402085264
03010410K	LS Classic KIT 1 mm 1/32" 400 units	2	582x400x385	8,06	8425402085653
03010415E	LS Classic KIT 1,5 mm 1/16" 100 units	8	582x400x385	12,44	8425402090077
03010415K	LS Classic KIT 1,5 mm 1/16" 400 units	2	582x400x385	8,18	8425402090091
03010420E	LS Classic KIT 2 mm 1/12" 100 units	8	582x400x385	12,52	8425402085271
03010420K	LS Classic KIT 2 mm 1/12" 400 units	2	582x400x385	8,24	8425402085660
03010430E	LS Classic KIT 3 mm 1/8" 100 units	8	582x400x385	13,18	8425402085288
03010430K	LS Classic KIT 3 mm 1/8" 400 units	2	582x400x385	8,46	8425402085677
03010440D	LS Classic KIT Stone 1 mm 1/32" 80 units	8	582x400x385	14,00	8425402085127
03010440J	LS Classic KIT Stone 1 mm 1/32" 380 units	2	582x400x385	8,75	8425402085684

Tol: + -0,1 mm

100 uds.



300 units



500 units



100 units



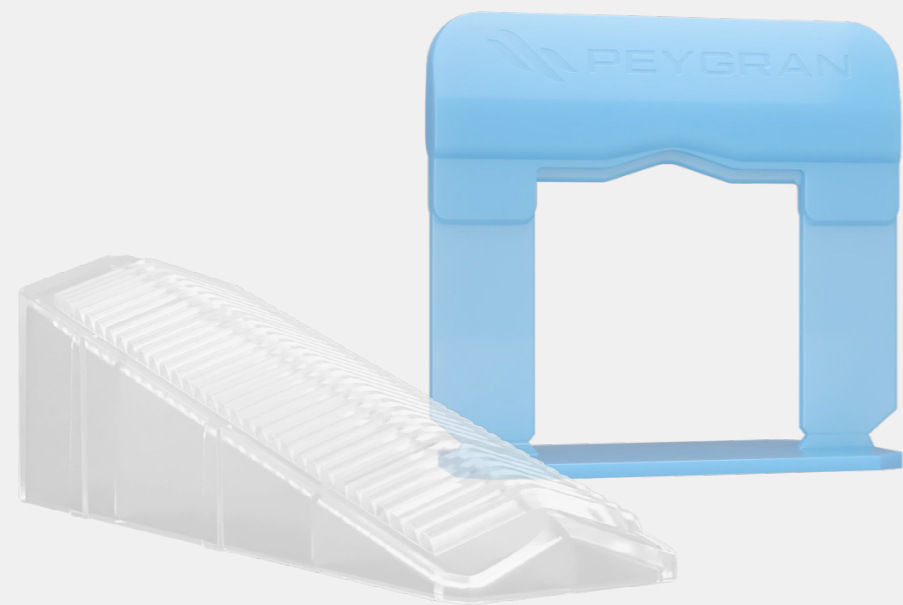
400 units





LS Compact™

Compact and angular



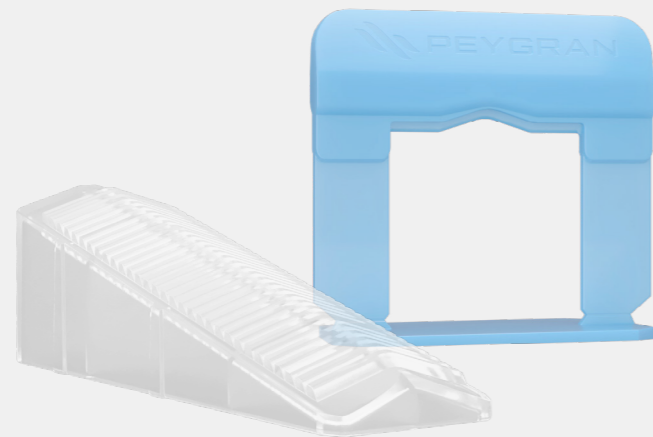
Wider wedge and more compact crosshead

LS Compact, the new levelling system from Peygran. This is a wide wedge system, but not just any ordinary system since it introduces two remarkably important innovations.

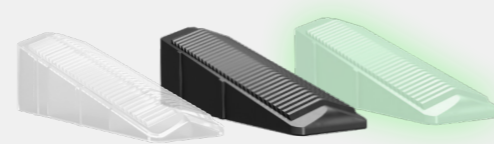
Firstly, the wedge surface is angled to offer a greater and more effective grip with the clip and, in addition, it creates a smaller opening in the joint.

Secondly, the clip top can be reused as a tiling wedge or spacer, a perfect option to reduce the waste generated when installing tiles.

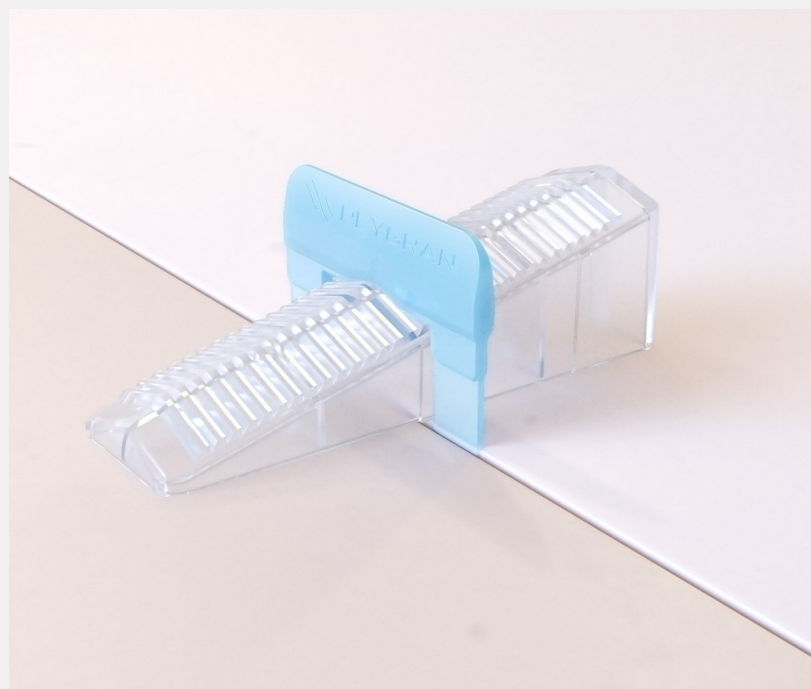
LS Compact™



0,5 mm 1/51"
1 mm 1/32"
1,5 mm 1/16"
2 mm 1/12"
3 mm 1/8"
5 mm 3/16"



Cuña Compact transparente
Cuña Compact negra
Cuña Compact Strong
(Consultar disponibilidad)



LS Compact Clip

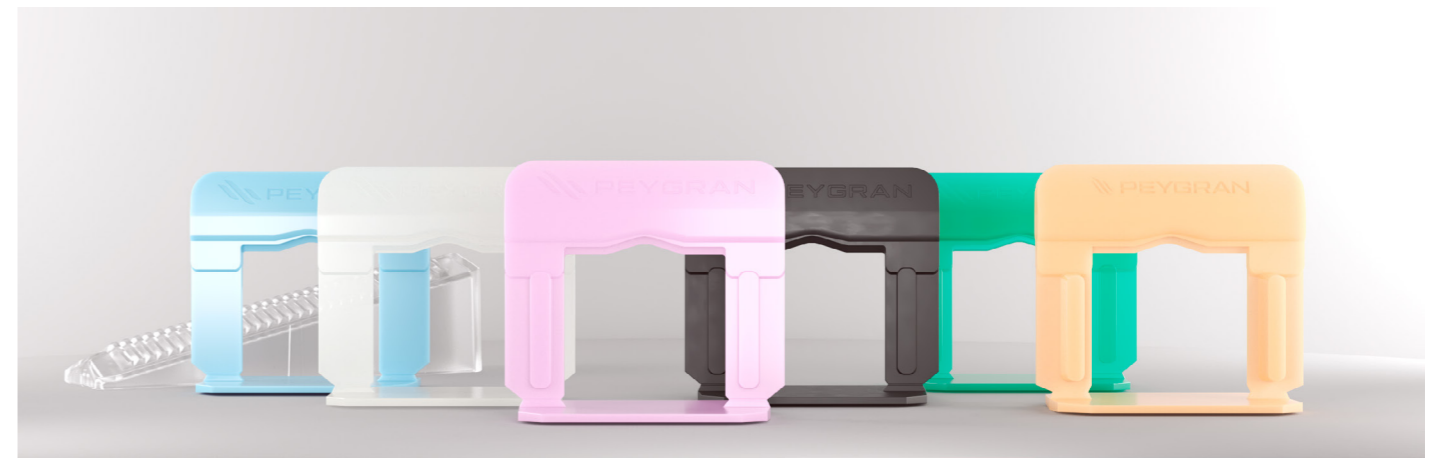
The new Compact Clip offers all the new functionalities of the LS Classic in a more reduced format. The new wide wedge guarantees the same tightening force and has a graded thickness in the head, so it can be used as a wedge after it is removed, ensuring a new sustainability level.

The patented pre-cutting on the base continues ensuring that removal is easy, and this, together with the more compact appearance, further facilitate that step.

LS Compact Wedge

The new Compact Wedge offers a new design, much more robust than its predecessors. With a thickness of 22 mm, it provides a sturdier support base for the system.

The angled shape improves the grip to the clip and distributes the force more evenly, guaranteeing a better resistance of the parts. Lastly, the base continues to be reinforced to prevent any damages to the tile.



REF.	ARTICLE	📦	📏	📊	📄
03090105H	LS Compact Clip 0,5 mm 1/51" 200 units	30	582x400x385	15,16	8436585253777
03090105L	LS Compact Clip 0,5 mm 1/51" 500 units	12	582x400x385	14,96	8436585253784
03090110H	LS Compact Clip 1 mm 1/32" 200 units	30	582x400x385	16,94	8436585253494
03090110L	LS Compact Clip 1 mm 1/32" 500 units	12	582x400x385	16,45	8436585253500
03090115H	LS Compact Clip 1,5 mm 1/16" 200 units	30	582x400x385	17,41	8436585253968
03090115L	LS Compact Clip 1,5 mm 1/16" 500 units	12	582x400x385	17,32	8436585253975
03090120H	LS Compact Clip 2 mm 1/12" 200 units	30	582x400x385	17,61	8436585253517
03090120L	LS Compact Clip 2 mm 1/12" 500 units	12	582x400x385	16,65	8436585253524
03090130H	LS Compact Clip 3 mm 1/8" 200 units	30	582x400x385	17,64	8436585253531
03090130L	LS Compact Clip 3 mm 1/8" 500 units	12	582x400x385	17,75	8436585253548
03090150H	LS Compact Clip 5 mm 3/16" 150 units	30	582x400x385	14,31	8436585253982
03090150L	LS Compact Clip 5 mm 3/16" 500 units	9	582x400x385	13,71	8436585253999
03090201D	LS Compact Wedge Transparent 80 units	30	582x400x385	14,72	8436585254484
03090201H	LS Compact Wedge Transparent 200 units	12	582x400x385	14,98	8436585254491
03090200D	LS Compact Wedge 80 units	30	582x400x385	16,97	8436585253555
03090200H	LS Compact Wedge 200 units	12	582x400x385	16,97	8436585253562
03090202D	LS Compact Wedge Strong 80 units	30	582x400x385	21,98	8436585255559

Tol: + -0,1 mm

REF.	ARTICLE	📦	📏	📊	📄
03090405H	LS Compact Kit 0,5 mm 1/51" 200 units	8	582x400x385	13,64	8436585253791
03090405L	LS Compact Kit 0,5 mm 1/51" 500 units	2	582x400x385	7,96	8436585253807
03090410H	LS Compact Kit 1 mm 1/32" 200 units	8	582x400x385	14,14	8436585253579
03090410L	LS Compact Kit 1 mm 1/32" 500 units	2	582x400x385	9,36	8436585253586
03090415H	LS Compact Kit 1,5 mm 1/16" 200 units	8	582x400x385	14,12	8436585254002
03090415L	LS Compact Kit 1,5 mm 1/16" 500 units	2	582x400x385	8,16	8436585254019
03090420H	LS Compact Kit 2 mm 1/12" 200 units	8	582x400x385	14,24	8436585253593
03090420L	LS Compact Kit 2 mm 1/12" 500 units	2	582x400x385	8,20	8436585253609
03090430H	LS Compact Kit 3 mm 1/8" 200 units	8	582x400x385	14,22	8436585253616
03090430L	LS Compact Kit 3 mm 1/8" 500 units	2	582x400x385	8,36	8436585253623
03090450L	LS Compact Kit 5 mm 3/16" 500 units	2	582x400x385	8,44	8436585254033

Tol: + -0,1 mm

PACKING



200 units



500 units



200 units



500 units



LS Stone™

For thicker formats



Levelling at any thickness

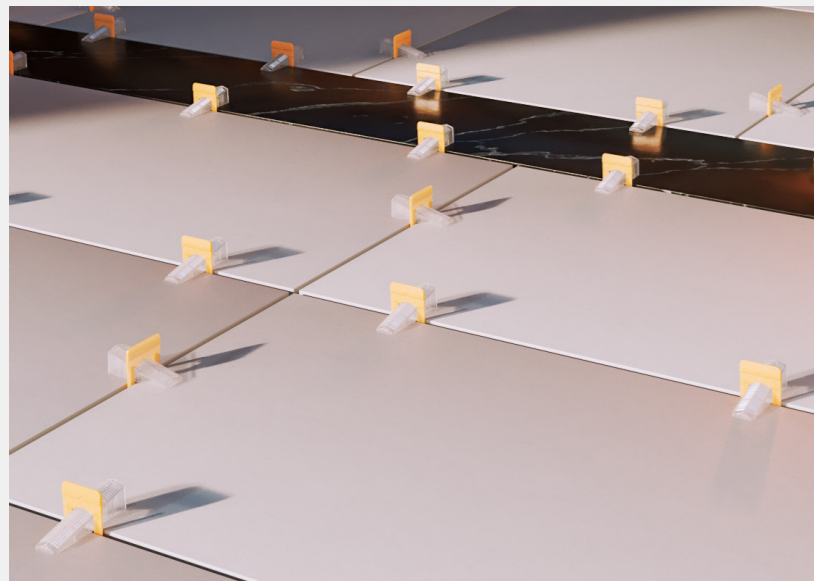
Our new LS Stone levelling system has been specifically designed for thicker tile formats. This ensures greater versatility as you can install tiles between 16 and 30 mm with different joint thicknesses (1, 1.5, 2, 3, 4 or 5 mm).

In addition, this new clip is compatible with all our wedges. It can be used with both the narrow wedge and the wide, angled version of the LS Compact. And you can choose between the standard Peygran wedge or our new transparent wedge design.

LS Stone™



0,5 mm 1/51" 1 mm 1/32" 1,5 mm 1/16" 2 mm 1/12" 3 mm 1/8" 4 mm 5/32" 5 mm 3/16"



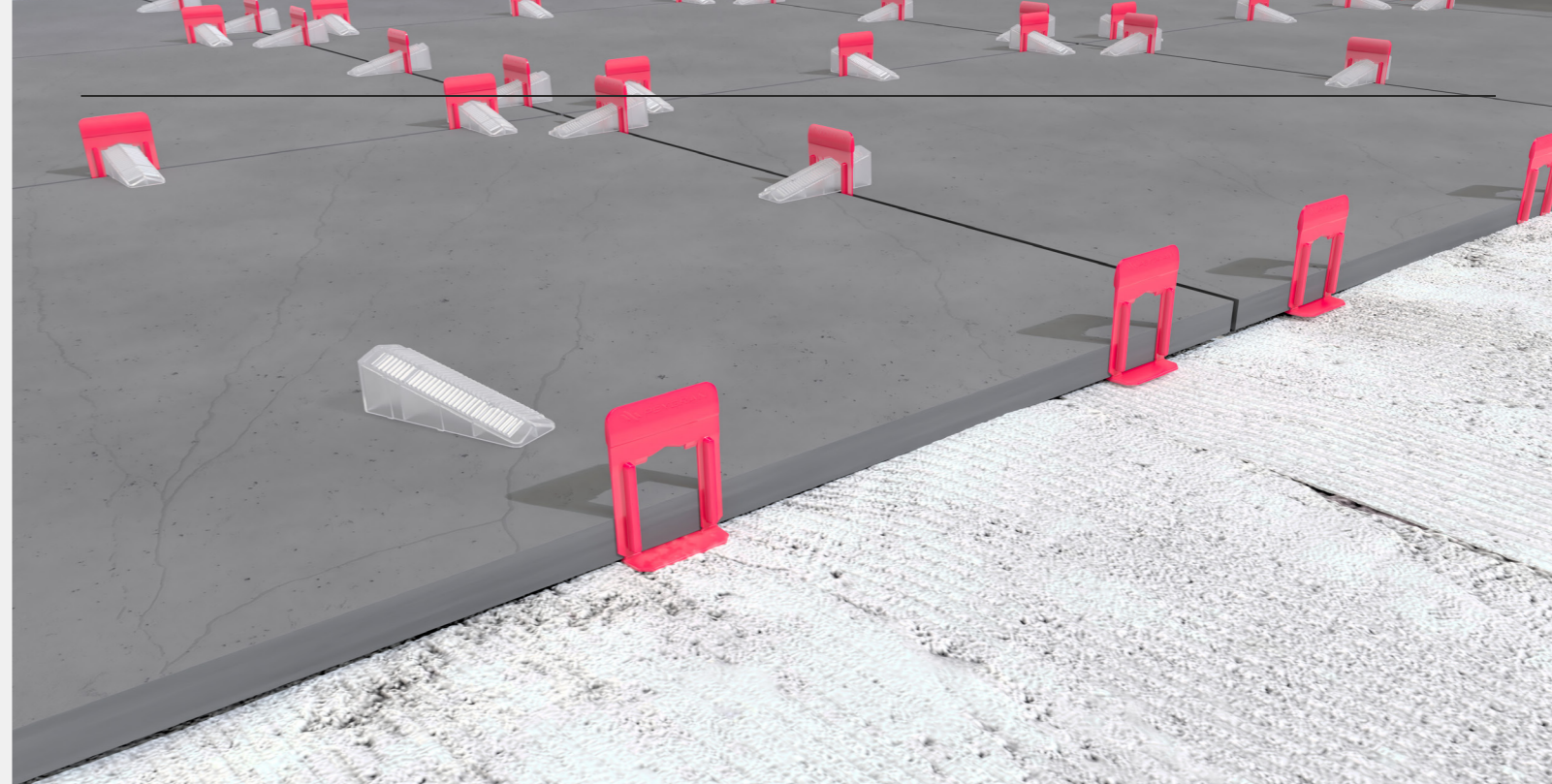
LS Stone Clip

The new Stone Clip has all the usual features of our clips, but in a larger format. This model allows you to install tiles with a thickness of between 16 and 25 mm and with different joint sizes.

As with previous models, the patented pre-cuts in the base make them easy to remove to make the job easier and ensure an outstanding finish.

Wedge

There is no specific wedge for the LS Stone system because it has been specially designed to be compatible with all our wedges: it can be installed with both the Classic Wedge and the Compact Wedge. It is also compatible with the new transparent wedges.



Which clip do you need? According to the tile thickness

mm cerámica / tile / épaisseur

3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
LS Classic / LS Compact + Wedge-base																LS Classic / LS Compact		LS Stone						LS Classic Stone			

REF.	ARTICLE	PACKING			
03190105E	LS Stone Clip 0,5 mm 1/51" 100 units	30	582x400x385	10,44	8436585254248
03190105I	LS Stone Clip 0,5 mm 1/51" 300 units	12	582x400x385	11,86	8436585254255
03190110E	LS Stone Clip 1 mm 1/32" 100 units	30	582x400x385	10,44	8436585254262
03190110I	LS Stone Clip 1 mm 1/32" 300 units	12	582x400x385	11,86	8436585254279
03190115E	LS Stone Clip 1,5 mm 1/16" 100 units	30	582x400x385	10,62	8436585254286
03190115I	LS Stone Clip 1,5 mm 1/16" 300 units	12	582x400x385	12,00	8436585254293
03190120E	LS Stone Clip 2 mm 1/12" 100 units	30	582x400x385	10,76	8436585254309
03190120I	LS Stone Clip 2 mm 1/12" 300 units	12	582x400x385	12,62	8436585254316
03190130E	LS Stone Clip 3 mm 1/8" 100 units	30	582x400x385	11,36	8436585254323
03190130I	LS Stone Clip 3 mm 1/8" 300 units	12	582x400x385	13,04	8436585254330
03190140E	LS Stone Clip 4 mm 5/32" 100 units	30	582x400x385	11,98	8436585254347
03190140I	LS Stone Clip 4 mm 5/32" 300 units	12	582x400x385	13,54	8436585254354
03190150E	LS Stone Clip 5 mm 3/16" 100 units	30	582x400x385	12,32	8436585254361
03190150I	LS Stone Clip 5 mm 3/16" 300 units	12	582x400x385	14,24	8436585254378

Tol: + -0,1 mm

100 units



300 units





LS Gyre™

Automatic threading



Threading and unscrewing flash

Peygran has revolutionised levelling systems with its new LS Gyre. Available in 5 sizes, this system offers quick installation with exquisite levelling.

With its patented automatic threading system, you will enjoy maximum speed when you use it to its full potential.

LS Gyre™



0,5 mm
1/51"

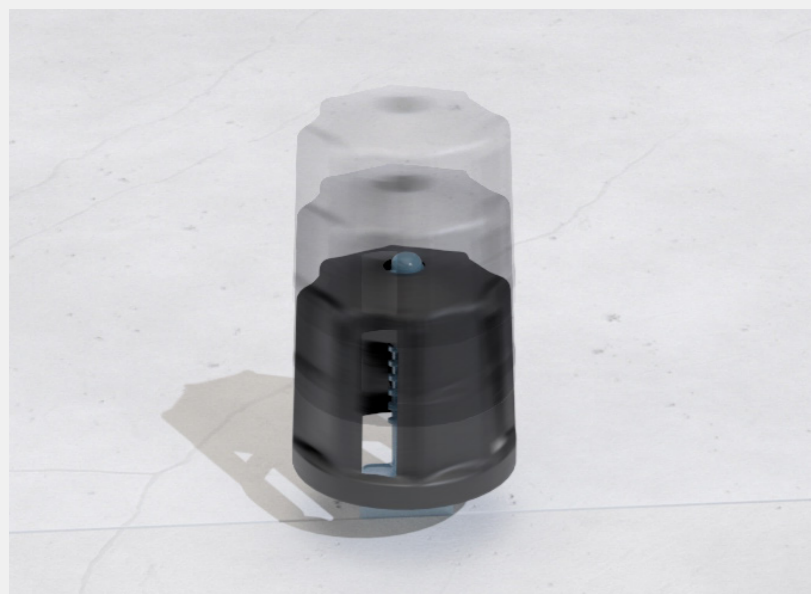
1 mm
1/32"

1,5 mm
1/16"

2 mm
1/12"

3 mm
1/8"

Bell



LS Gyre Clip

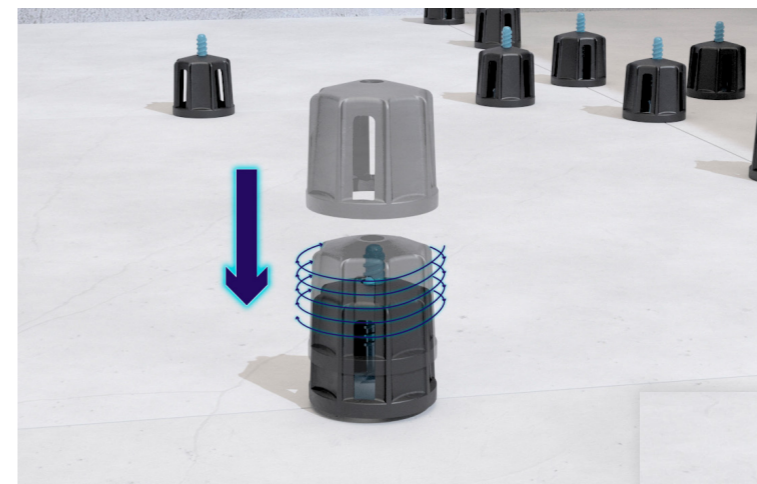
The new Clip LS Gyre is designed with all the needs of today's installer in mind. Quick and intuitive handling, 5 sizes available (0,5 / 1 / 1,5 / 2 and 3mm), a slim and handy base and a firm fit allow for an unbeatable finish.

Also available with patented pre-cuts in the base to ensure quick removal without damaging the tile.

LS Gyre Bell

The LS Gyre Bell is one of the best-developed products from our R&D department. With reinforced ribs to allow better adherence to your hand when tightening. A patented threading system allows the removal of the screw in a single stroke.

As if that wasn't enough, it is reusable and has a bevelled base to take care of your tile for the perfect installation.

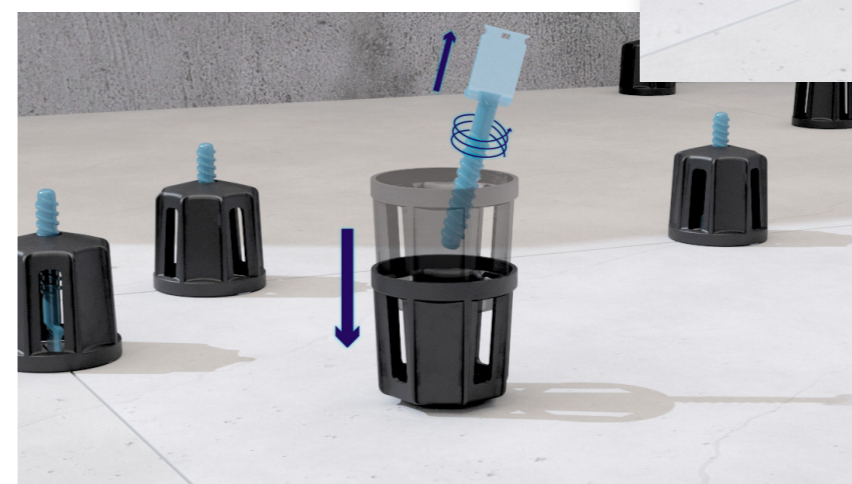


Automatic threading

Peygran's patented automatic threading system provides the fastest installation on the market. Simply place the bell on the screw and it slides along the entire thread to its final position.

One single tightening

Once the thread is in position, all you have to do is give it one final tightening: with a simple twist of the wrist, the installation is perfectly level.



Rapid unscrewing

Unscrewing is just as easy as screwing in. The bell has a system that allows you to remove the remains of the screw with a single touch.

Tot: + -0,1 mm

REF.	ARTICLE
03120105E	LS Gyre Clip 0,5 mm 1/51" 100 units
03120105I	LS Gyre Clip 0,5 mm 1/51" 300 units
03120110E	LS Gyre Clip 1 mm 1/32" 100 units
03120110I	LS Gyre Clip 1 mm 1/32" 300 units
03120115E	LS Gyre Clip 1,5 mm 1/16" 100 units
03120115I	LS Gyre Clip 1,5 mm 1/16" 300 units
03120120E	LS Gyre Clip 2 mm 1/12" 100 units
03120120I	LS Gyre Clip 2 mm 1/12" 300 units
03120130E	LS Gyre Clip 3 mm 1/8" 100 units
03120130I	LS Gyre Clip 3 mm 1/8" 300 units
03120200E	LS Gyre Bell 100 units

PACKING

Icon	Units	Dimensions (mm)	Weight (kg)	Barcode
	36	582x400x385	12,54	8436585253852
	12	582x400x385	12,08	8436585253869
	36	582x400x385	13,32	8436585253876
	12	582x400x385	12,40	8436585253883
	36	582x400x385	1,00	8436585255276
	12	582x400x385	1,00	8436585255283
	36	582x400x385	13,28	8436585253890
	12	582x400x385	12,82	8436585253906
	36	582x400x385	13,22	8436585253913
	12	582x400x385	12,84	8436585253920
	9	582x400x385	9,36	8436585253937

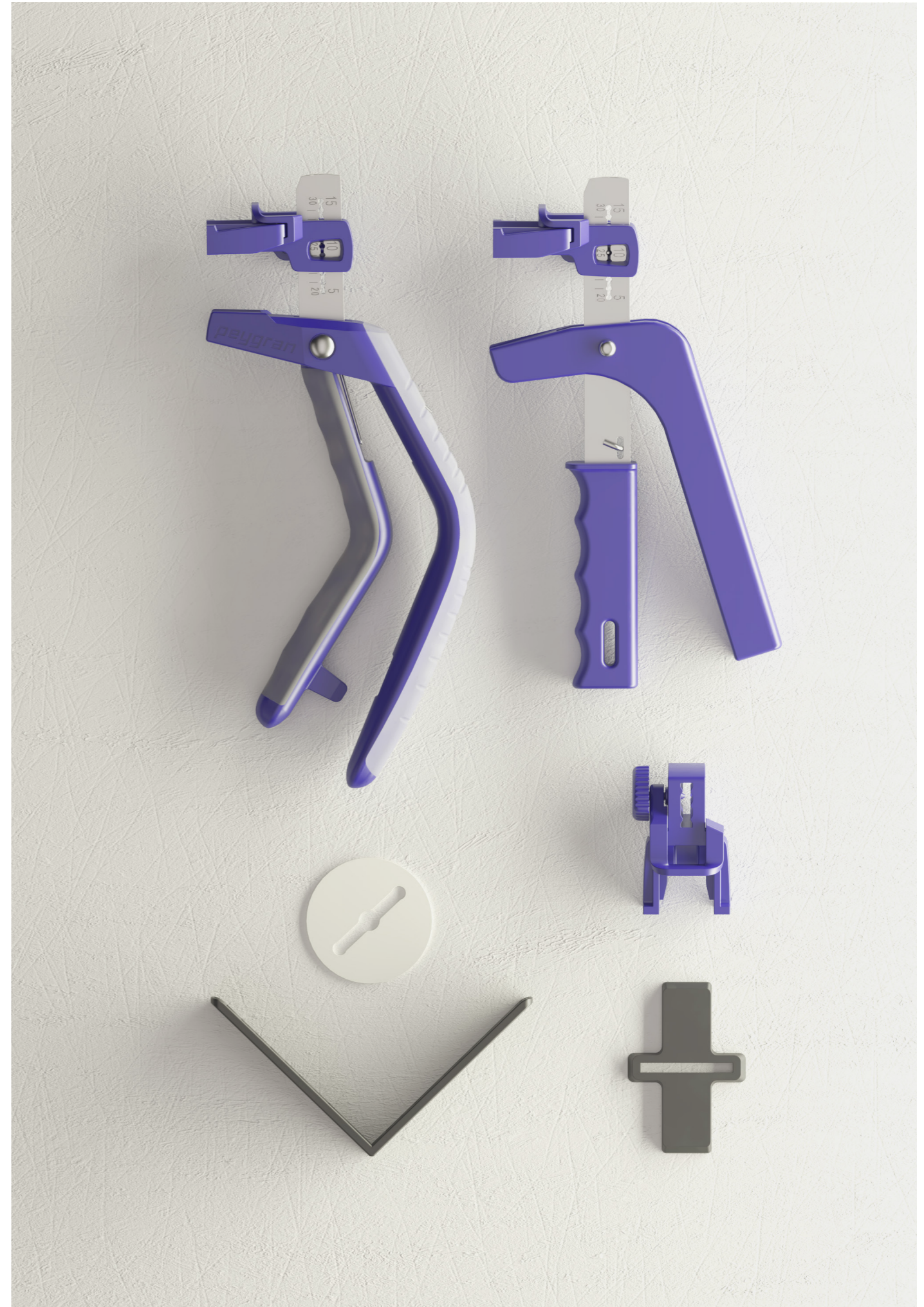


100 units



300 units

LS Accessories

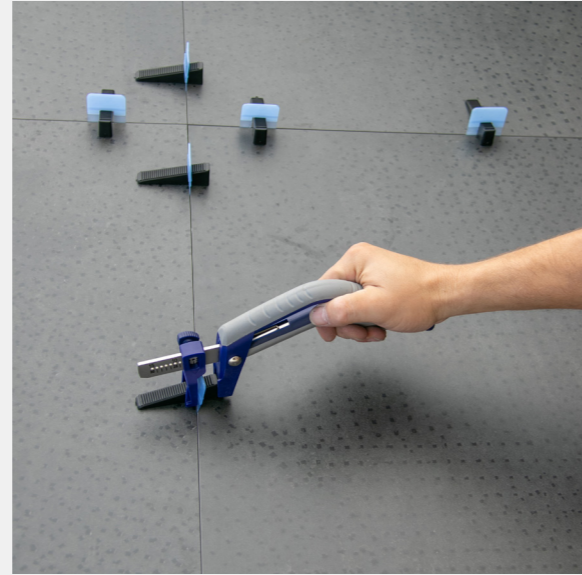


Ergonomic Pliers

LS Compact™

LS Classic™

LS Stone™

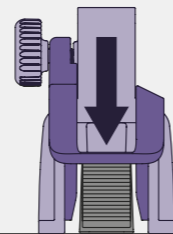
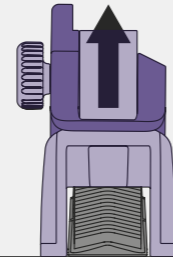
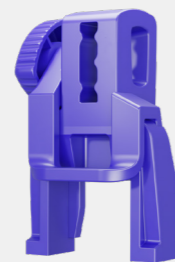


The Peygran Ergonomic Pliers for Levelling System minimises the fatigue and injuries caused by muscular overexertion during tiling and flooring works, creating perfect finishes with less time and effort. Prevents the problems caused due to bending the wrists by aligning the rotation and push axes with the arm axes.

Peygran's R & D department has designed this tool in close collaboration with a team of health and physiotherapy professionals, carrying out ergonomic tests with the aim of minimising risk exposure to avoid occupational diseases.

NEW DUAL HEAD.

Practical for both our LS Classic and LS Compact wedges.

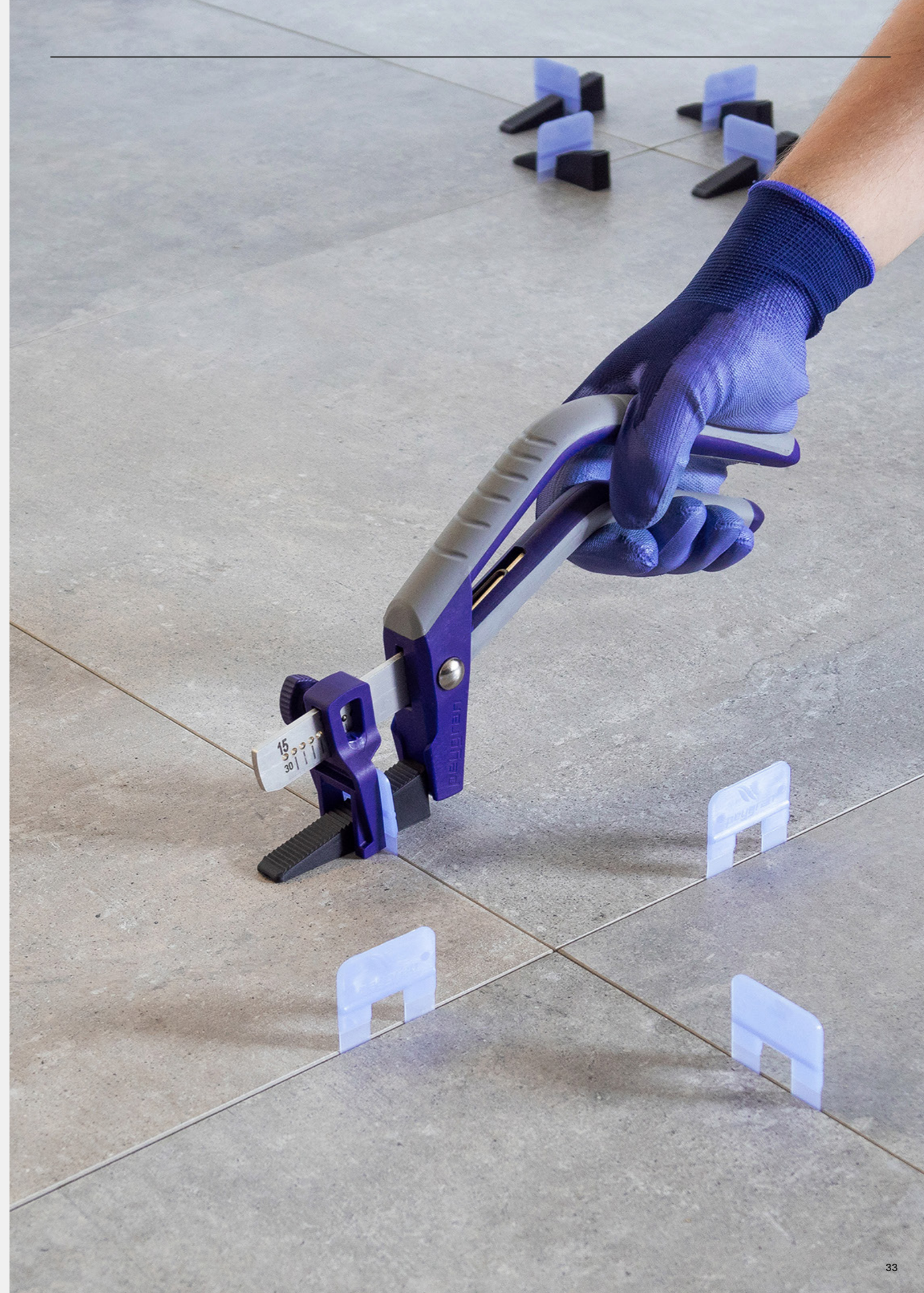


LS Compact™
LS Stone™

LS Classic™

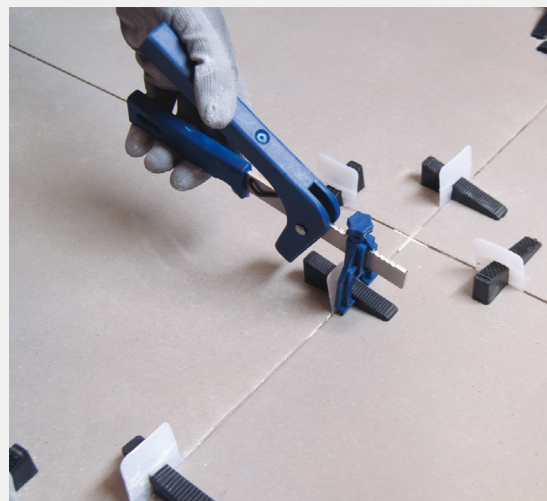
PACKING

REF.	ARTICLE				
03010312W	LSAccessories Pliers Ergonomic NEW1 unit	40	582×400×385	15,19	8436585255566



Pliers

LS Classic™



The main characteristic is its scale bar for the floor tile thickness (patented system). The scale bar allows us to adjust the tool to the pressure needed easily, quickly and effectively.

Pliers is used with ceramic Clips between 3 and 15 mm thickness and with stone Clips between 16 and 25 mm. Wedge-base is required for thickness between 3 and 5 mm and between 16 and 19 mm. The parts in contact with the tile are made of plastic to avoid damages.



REF. ARTICLE

03010300A LS Accessories Pliers 1 unit

PACKING



70 395x295x450 16,13 8425402085233

Wedge-base

LS Compact™
LS Classic™
LS Stone™



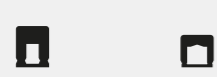
Which clip do you need? According to the tile thickness

mm cerámica / tile / épaisseur

3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----



LS Classic /
LS Compact
+ Wedge-base



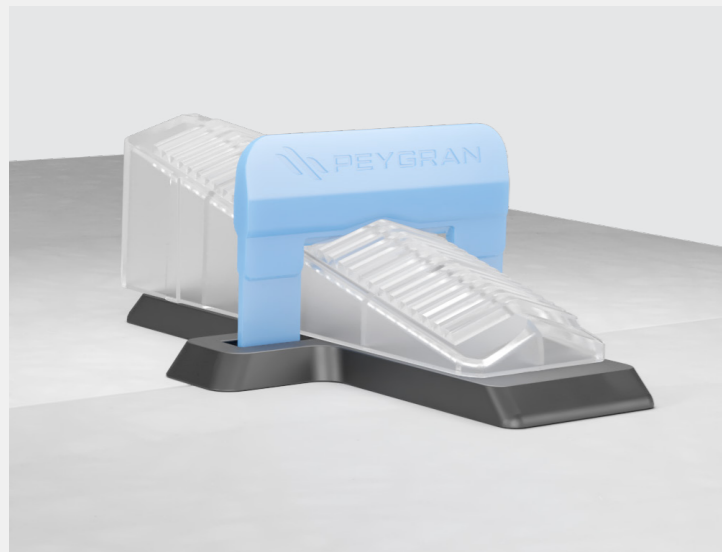
LS Classic / LS Compact



LS Stone



LS Classic Stone



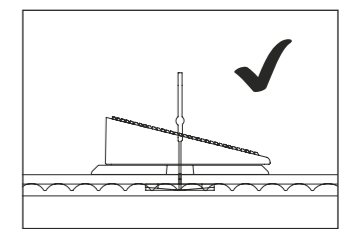
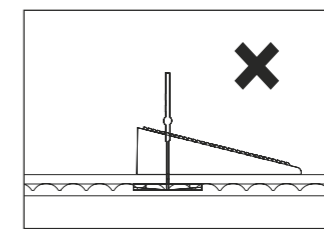
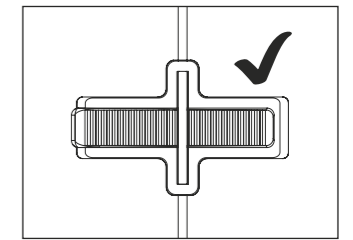
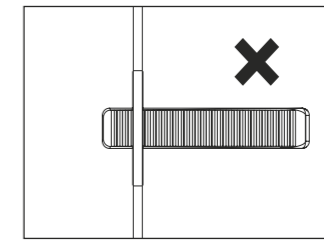
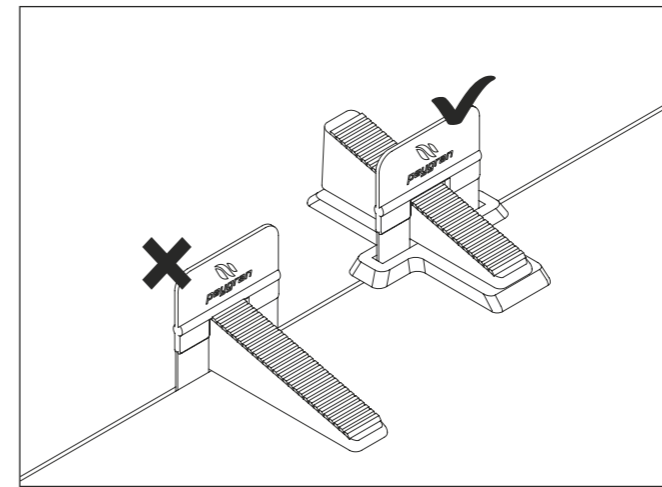
Wedge-bases have been made to extend the functionalities of our system allowing us to work with thicknesses from 3 to 5mm. Use it in thicknesses lower than 5 mm and in thicknesses from 16 to 19mm. Place the clips under the wedge, allowing the wedge to be centered and providing a larger support surface.

Essential in cladding as they are very delicate pieces. When using it on the tool scale bar, add 4 mm to the piece thickness. It is compatible with all our models of wedges.

REF.	ARTICLE
03010700E	LS Accesories Wedge-base 100 units

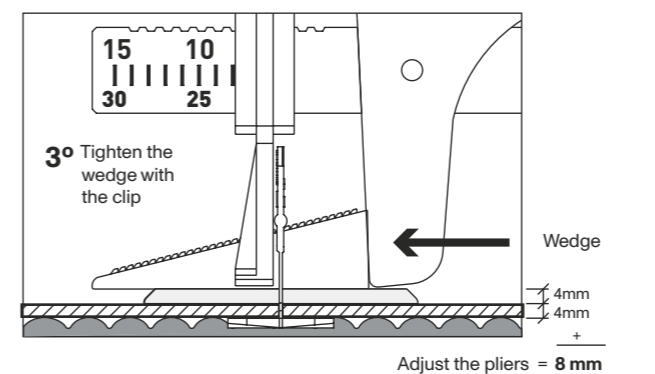
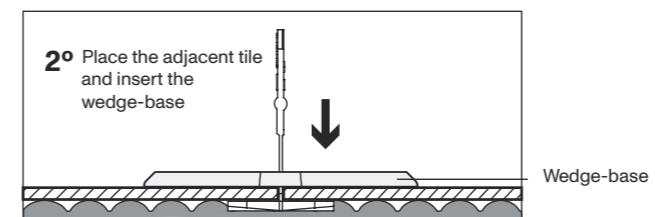
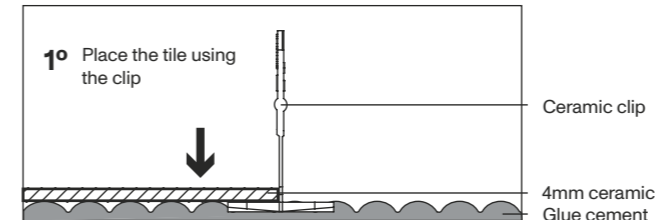
PACKING			
40	582×400×385	17,44	8425402085318

Installation



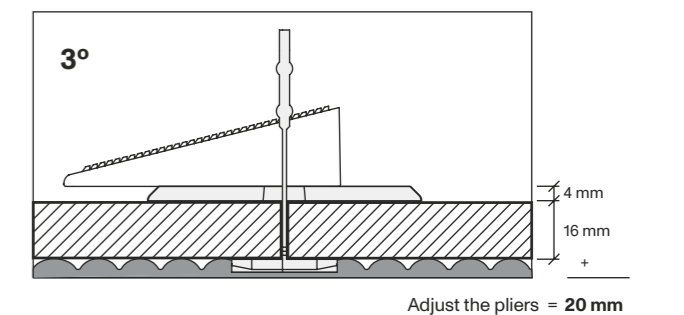
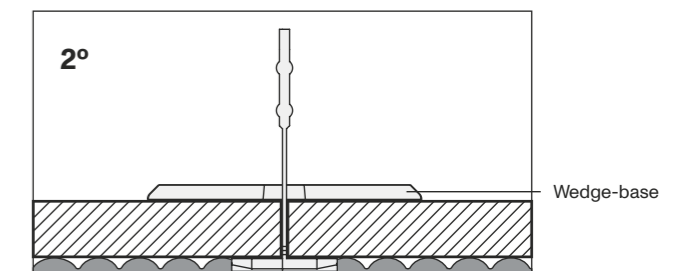
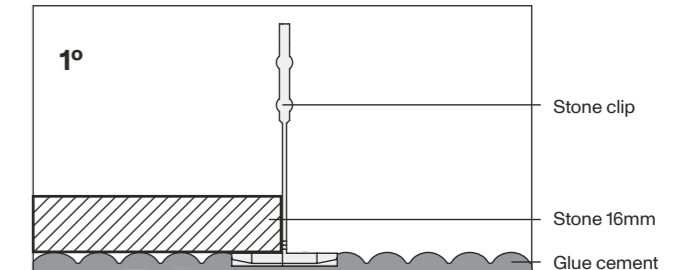
SLIM format (3 to 5 mm)

4 mm ceramic



STONE format (16 to 19 mm)

16 mm stone



Protector

LS Compact™
 LS Classic™
 LS Gyre™
 LS Stone™



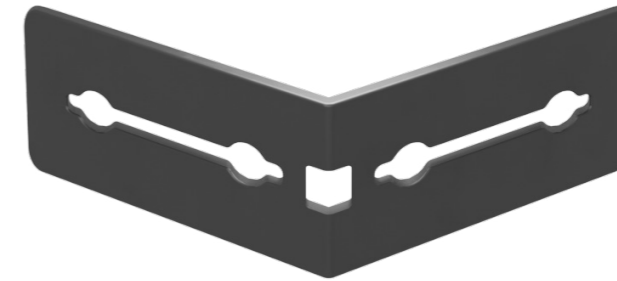
Specially designed to protect the tiles (specially in the case of delicate ceramics and fine thickness) when using the Peygran Leveling System.

The protection plate is placed under the wedge to achieve a perfect finish, eliminating the friction in the strength of the material and converting the lateral force into vertical pressure, preventing the mortar from squeezing up through the grout joints.

REF.	ARTICLE	PACKING			
03010600E	LS Accesories Protection Plate 100 units				
		70	395x295x450	16,88	8425402089842

Levelling Bracket

LS Compact™
 LS Classic™
 LS Gyre™
 LS Stone™



It makes the tile installation easier and more precise when it comes to the 90° angle in corners, projections, lintels, etc.

In addition, the new Levelling Bracket improves final results in steps. You can superimpose two pieces if you have two corners close to each other.

The Levelling Bracket has spacious gaps to facilitate the clip placing. The thickness piece has been created for tile protection. When using it, you have to add 4 mm to the tile thickness on your pliers scale.

REF.	ARTICLE	PACKING			
03010800A	LS Accesories Bracket 25 units				
		30	395x295x450	20,14	8425402090114

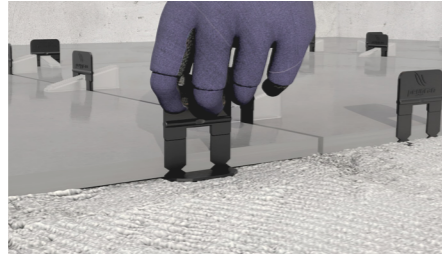
Installation

The Peygran Levelling System should be installed following the steps indicated below. It can be applied for all types of formats and surfaces. Follows the UNE - 138002 recommendations. Double gluing is recommended.



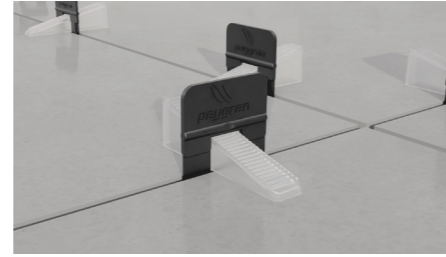
1 - ADJUST THE PLIERS

Adjust the pliers to the scale required by the ceramics thickness.



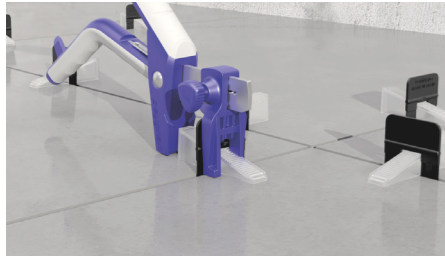
2 - PLACE THE CLIPS

Spread the glue cement and then lay and level the first tile, then set with the mallet. Insert the clip at the ends of the tile (approx. > 50 mm from the edge).



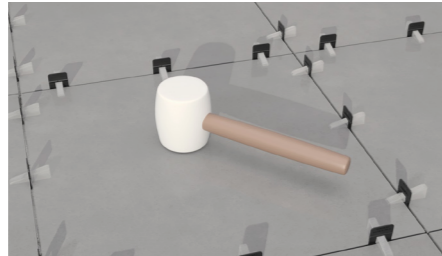
3 - INSERT THE WEDGES

When laying the adjacent tiles, insert the wedges in the clips manually.



4 - TIGHTEN

Rest the pliers as shown in the image and tighten to the maximum to level the tiles before the glue sets.



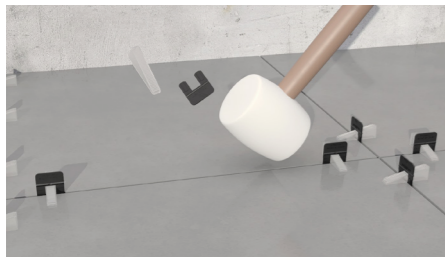
5 - TAP GENTLY WITH THE MALLET

When the tile is levelled, tapping gently with the mallet is recommended to release tensions.



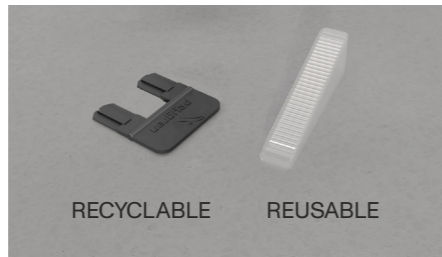
6 - ALLOW FOR SETTING

When the surface is finished, allow the glue to set for the time recommended by the manufacturer.



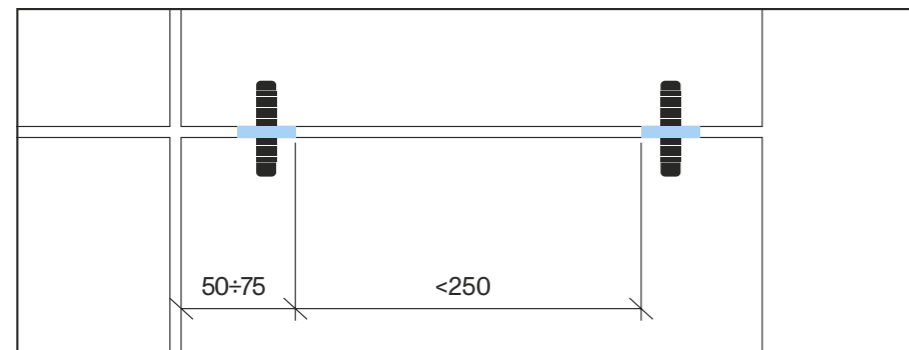
7 - REMOVE THE SYSTEM

After the necessary time has elapsed, remove the clips by hitting them with a rubber mallet or with your foot in the direction of the joint (do not hit the wedges). The clip will always break by the side cuts, under the ceramic.



8 - REUSABLE WEDGES

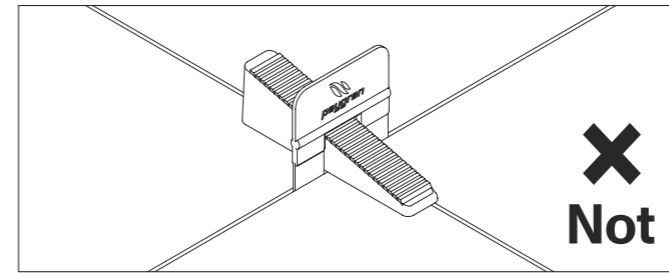
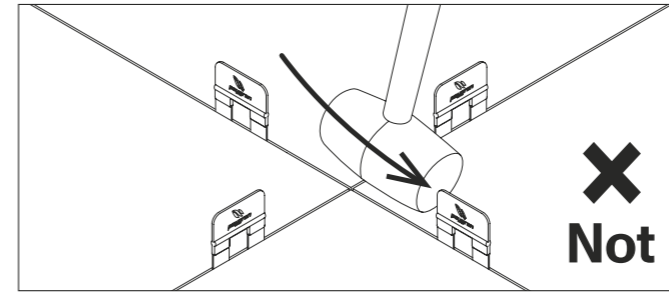
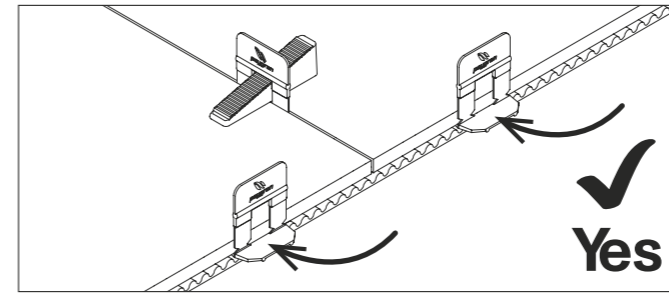
Finally, recover the wedges, dispose of the rest of the clip and grout the tiles.



1. The distance must be kept until the end of the tile is 50 to 75 mm.
2. The recommended distance between clips is < 250 mm.



MODE OF USE
 YouTube



If laying is not finished at the end of the working day and will be continued the following day:

Be sure to remove the fixing material or mortar on the last row of tiles by using the base of a clip to leave a small gap to allow you to insert the clip base the following day.

The following day: fill the gaps left the day before with a trowel for edges and "fill" the back of the tile with mortar. Insert the clips and wedges and continue laying following the same process.

Do not remove the wedges manually before breaking the system.

The clip must be under tension to break correctly. If wedges are removed earlier, such tension will be eliminated and therefore not correctly broken. If not breaking appropriately, as previously described, pull the clip with the pliers. It will break on the prefatures and consequently, under the tile. Wedges can be reused.

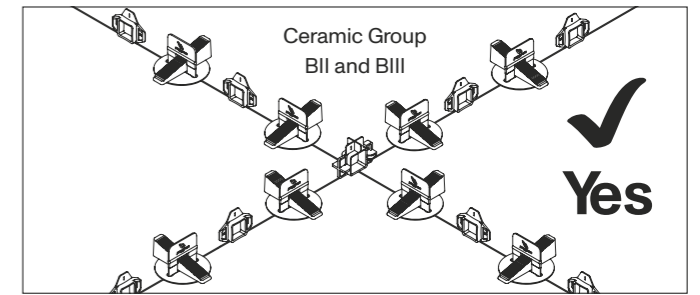
Never install the levelling system at the tile corners.

Installation will become more difficult, tile may break if tightened at the corner, apart from being very difficult to maintain the grout joint aligned.

When ceramic tiles belonging to groups BII and BIII. Classification according to normative EN 14411.

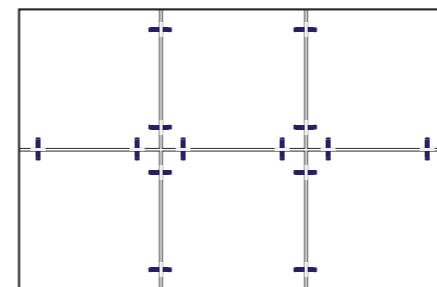
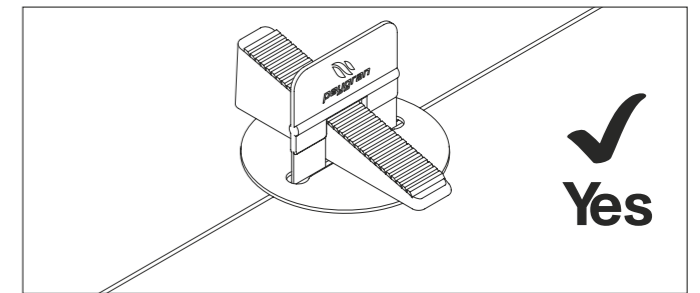
It is recommended to always use Multi Series spacers or tile spacers together with the levelling system clips to avoid possible damage to the tile.

Recommendation for white body tiles: It is always recommended to use Multi Series spacers or spacers together with 0.5 or 1 mm shims to avoid possible damage to the tile.

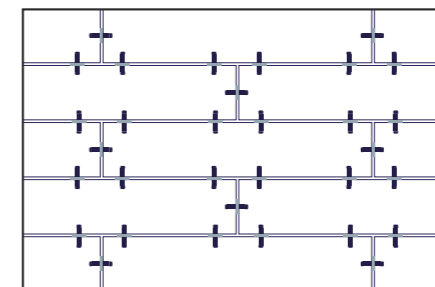


It is advisable to use the Protector Plate in non-slip ceramics.

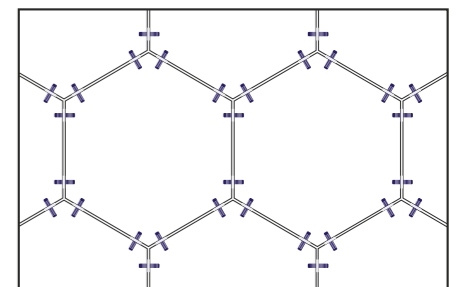
When removing the Levelling System in non-slip ceramics, the Protection Plate prevents the Wedge from slightly marking the ceramic.



Square slab: 50×50, 60×60, 70×70, etc.



Laminated formats: 20×90, 20×120, etc.



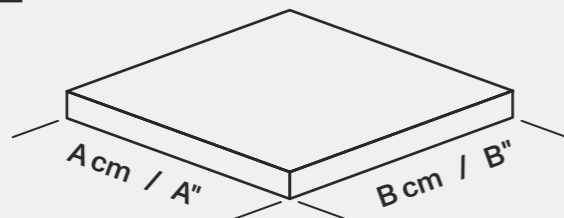
Special format slabs.

How many pieces do you need?

□ / sq.ft

		B"																							
		80	72	60	56	48	44	40	36	32	28	26	24	22	20	18	16	14	12	10	8	6	4		
A	10	0,3	0,3	0,3	0,3	0,5	0,5	0,6	0,7	0,8	0,8	0,9	0,9	1	1,1	1,3	1,3	1,3	1,8	1,8	2,2	3	4,4	80	
	15		0,3	0,3	0,3	0,5	0,6	0,7	0,7	0,8	0,9	0,9	1	1	1,2	1,3	1,3	1,4	1,9	1,9	2,3	3,3	5	72	
	20			0,3	0,3	0,5	0,6	0,7	0,7	0,8	0,9	0,9	1	1	1,2	1,3	1,3	1,4	1,9	1,9	2,3	2,9	5	60	
	25				0,5	0,5	0,6	0,7	0,7	0,8	0,9	1	1	1,1	1,2	1,3	1,3	1,4	1,9	1,9	2,2	3	5	56	
	30					0,6	0,6	0,6	0,7	0,8	0,9	0,9	1	1,1	1,2	1,3	1,5	1,7	2	2,4	3	4	6	48	
	35						0,6	0,7	0,8	0,8	0,9	1	1,1	1,1	1,2	1,3	1,4	1,7	1,9	2,2	2,6	3,3	4,3	6,5	44
	40							0,7	0,8	0,9	1	1	1,1	1,2	1,3	1,4	1,7	1,9	2,2	2,6	3,3	4,4	6,6	40	
	45								0,8	0,9	1	1	1,1	1,2	1,3	1,5	1,7	1,9	2,2	2,6	3,4	4,5	7,6	36	
	50									1	1,1	1,2	1,3	1,5	1,7	1,9	2,2	2,5	3	3,7	5	7,8	32		
	55										1,1	1,2	1,3	1,4	1,5	1,8	2	2,2	2,6	3,2	4	5,3	7,6	28	
	60											1,2	1,3	1,4	1,5	1,7	1,9	2,2	2,5	3	3,9	5	7,8	26	
	65												1,4	1,5	1,7	1,9	2,1	2,3	2,8	3,3	4	5,5	8	24	
	70													1,4	1,7	1,8	2	2,3	2,6	3,2	4	5,3	8	22	
	75														1,8	2	2,2	2,5	3	3,5	4,4	5,8	9	20	
	80															2,2	2,4	2,6	3,3	4	4,8	6,5	10	18	
	85																2,6	3,2	3,6	4,4	5,5	7,4	11	16	
	90																	3,1	3,2	4,4	5,5	7,4	11	14	
	95																		3,6	3,6	4,4	5	11	12	
	100																			3,5	4,4	5,8	10	10	
	110																				5,5	7,4	11	8	
120																					9,8	15	6		
140																						22	4		
150																									
180																									
200																									
	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	90	100	120	140	150	180	200	B		

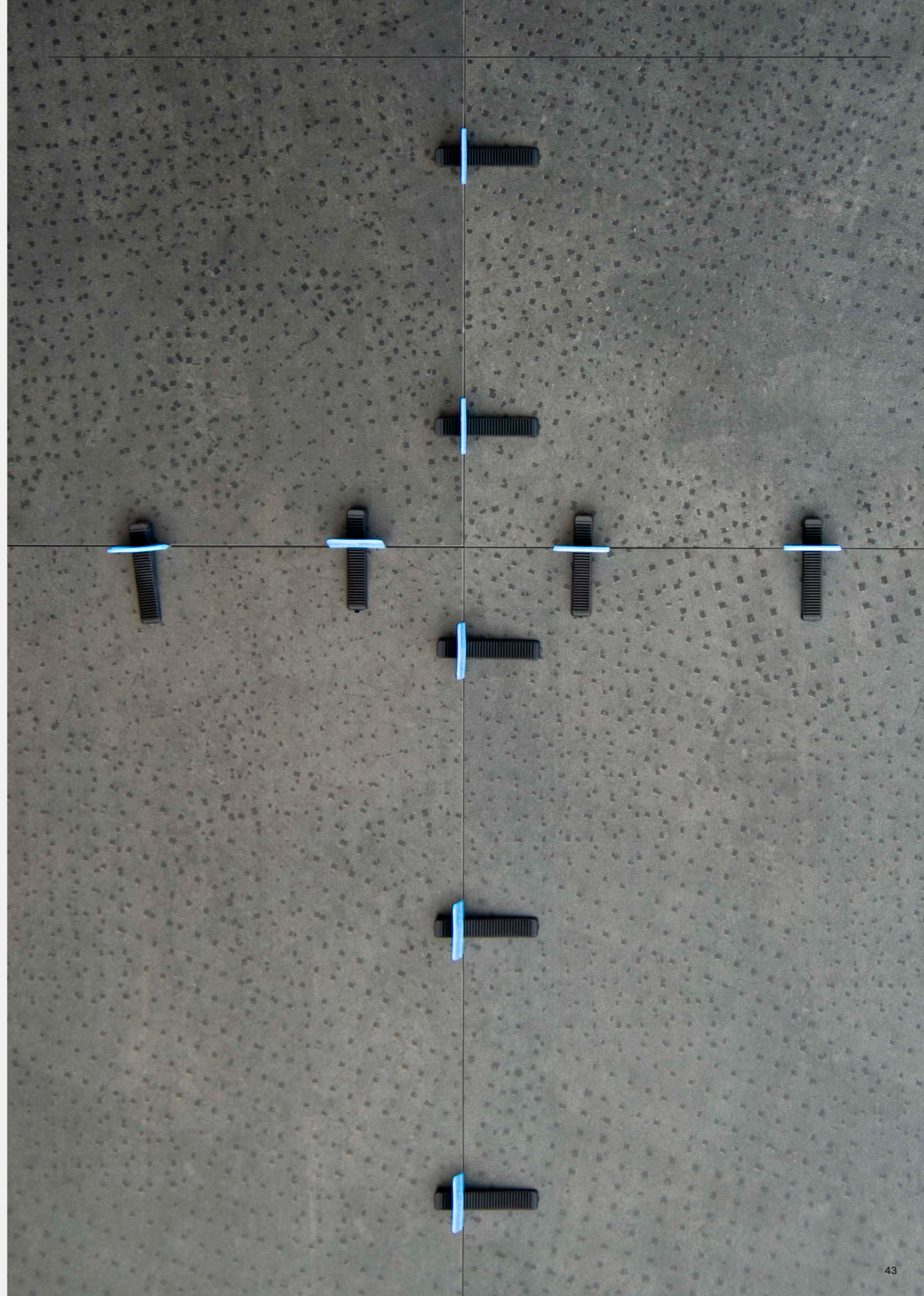
□ / m²

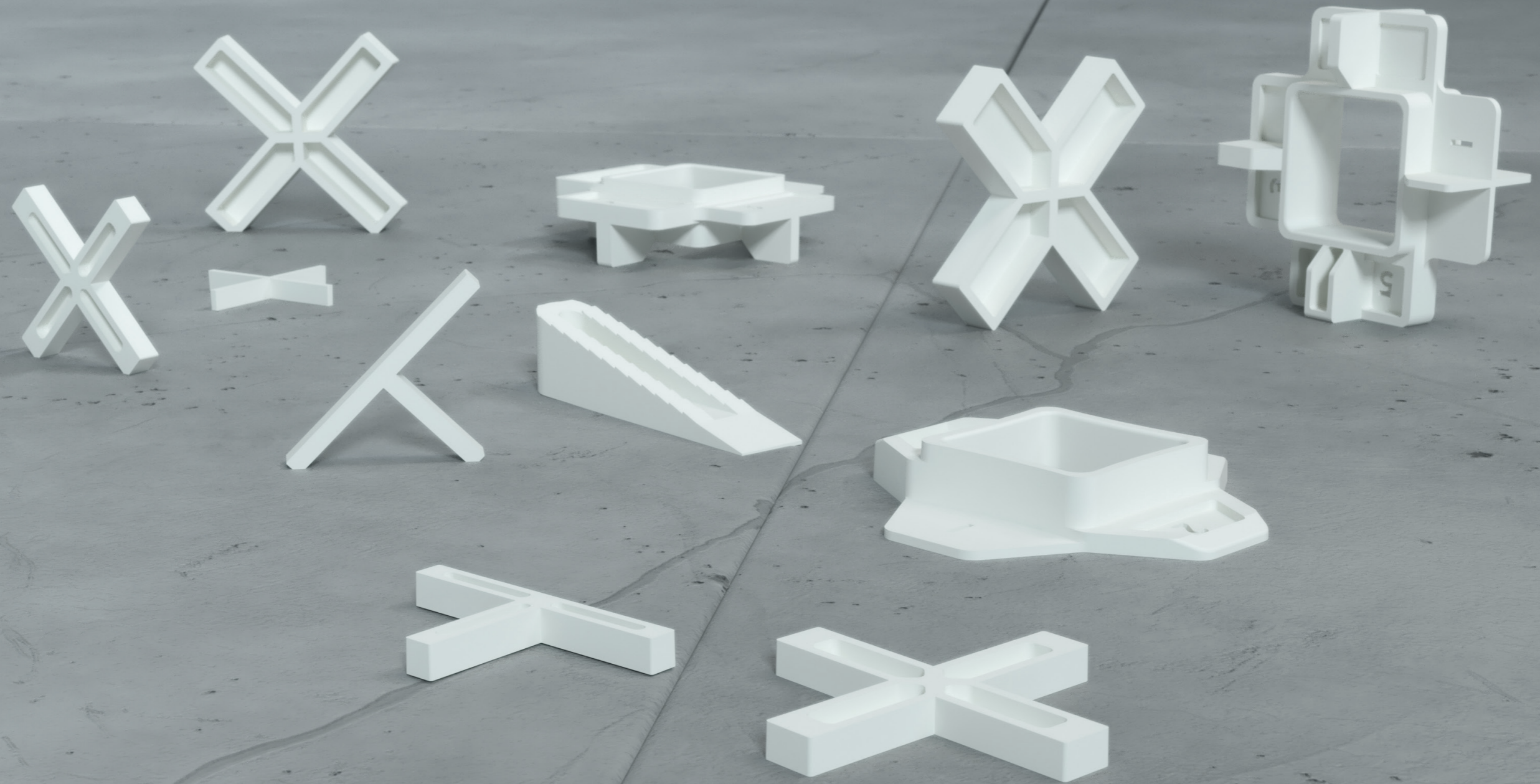


Example:

$$A\ 100 \times B\ 40 = 17\ \text{Clips/m}^2$$

$$A''\ 44'' \times B''\ 16'' = 1,7\ \text{Clips/sq.ft}$$



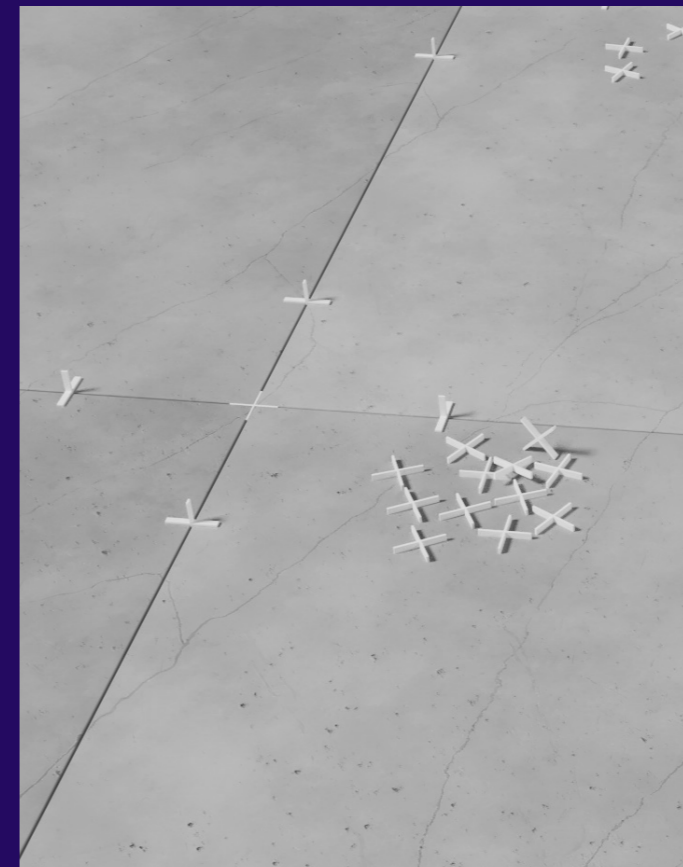
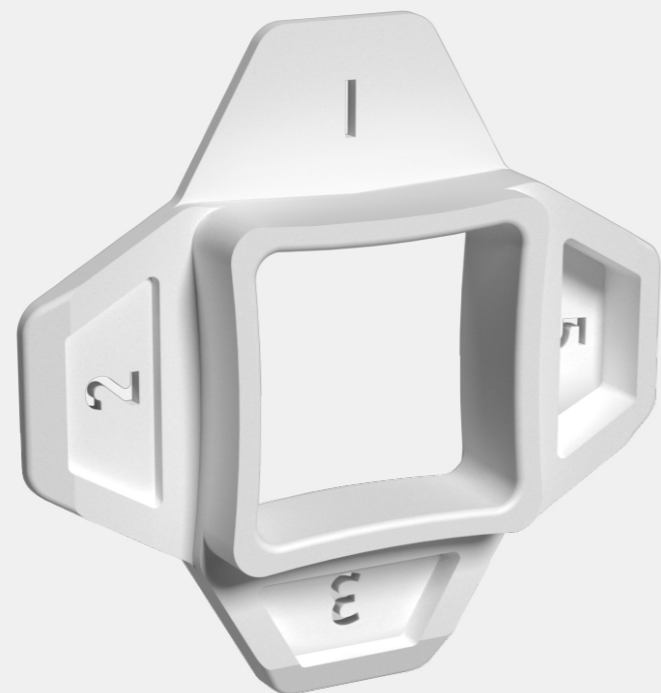


Spacers



Spacers

Very resistant



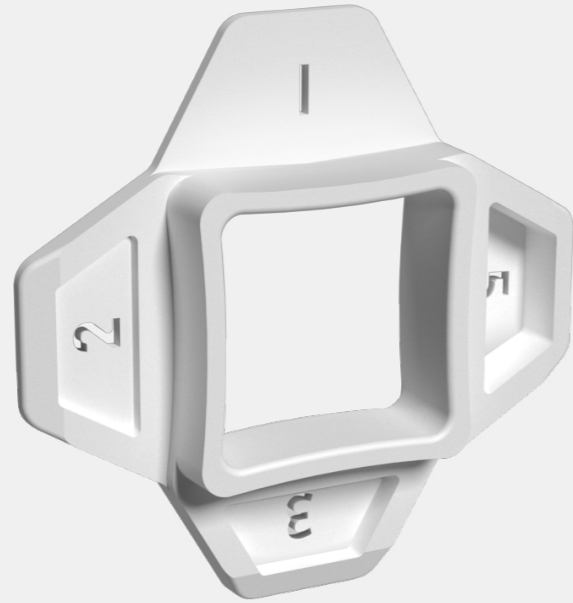
**Highly resistant,
they do not stick to adhesives.**

Tile spacers for highly resistant and precise tiling. Products range from 1 to 10 mm.
Tile spacers are made of a highly resistant material. Also reinforced and prepared to bear heavy tiles.

Wedges for tiling, 5 and 10 mm high. Made of shockproof polystyrene.

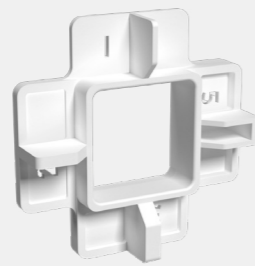
Multi Series 4x

Multi Spacer
Multi T
Multi X



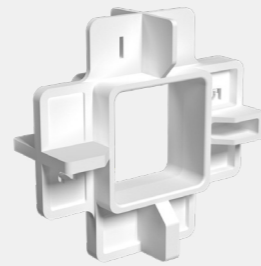
Multi Spacer 4x

1 · 2 · 3 · 5 mm
1/32" · 3/32" · 1/8" · 3/16"



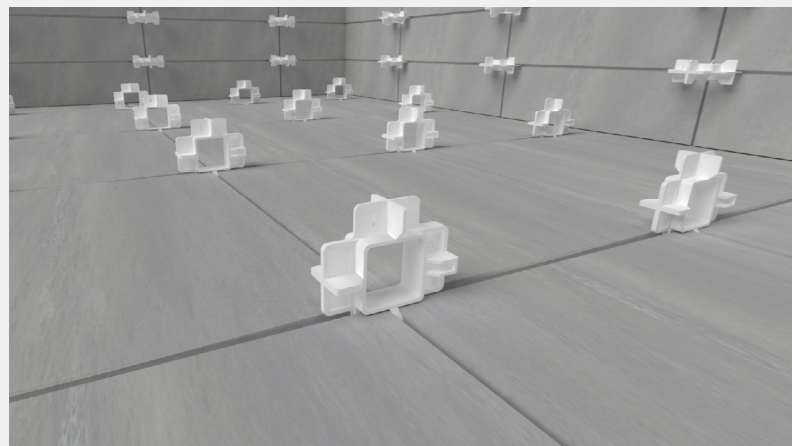
Multi T 4x

1 · 2 · 3 · 5 mm
1/32" · 3/32" · 1/8" · 3/16"



Multi X 4x

1 · 2 · 3 · 5 mm
1/32" · 3/32" · 1/8" · 3/16"



Our Multi-Series works as a set of tile spacers. We can separate in I, T or X. Each model has 4 separation measures (1, 2, 3 and 5 mm).

Their material is highly resistant and does not stick to adhesives and this facilitates their removal. For this reason, they are particularly suited for large formats and heavy slabs. These parts can be recovered and reused.



- Required thickness in a fast and effective way.
- Can be easily removed after the installation is completed.
- 100% Reusables.

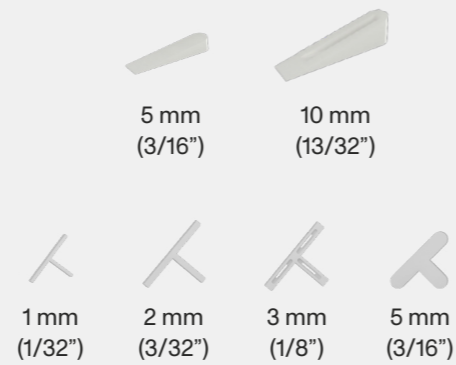
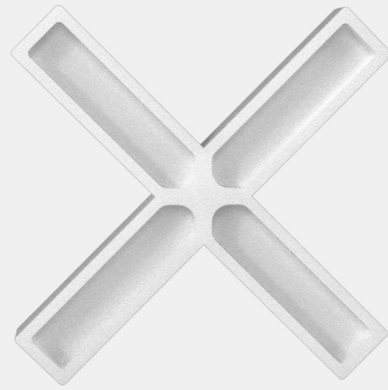


REF.	ARTICLE	PACKING			
03030300F	Spacer Multi Spacer 4 - Box 1,2,3,5 mm 1/32";3/32";1/8";3/16" 125 units	27	582x400x385	12,56	8425402085080
03030300E	Spacer Multi Spacer 4 - Bag 1,2,3,5 mm 1/32";3/32";1/8";3/16" 100 units	75	582x400x385	17,70	8425402090015
03030310D	Spacer Multi T 4 - Box 1,2,3,5 mm 1/32";3/32";1/8";3/16" 80 units	27	582x400x385	11,16	8425402085097
03030310B	Spacer Multi T 4 - Bag 1,2,3,5 mm 1/32";3/32";1/8";3/16" 50 units	75	582x400x385	12,56	8425402090022
03030320C	Spacer Multi X 4 - Box 1,2,3,5 mm 1/32";3/32";1/8";3/16" 60 units	27	582x400x385	10,98	8425402085103
03030320Q	Spacer Multi X 4 - Bag 1,2,3,5 mm 1/32";3/32";1/8";3/16" 40 units	70	582x400x385	11,35	8425402090039



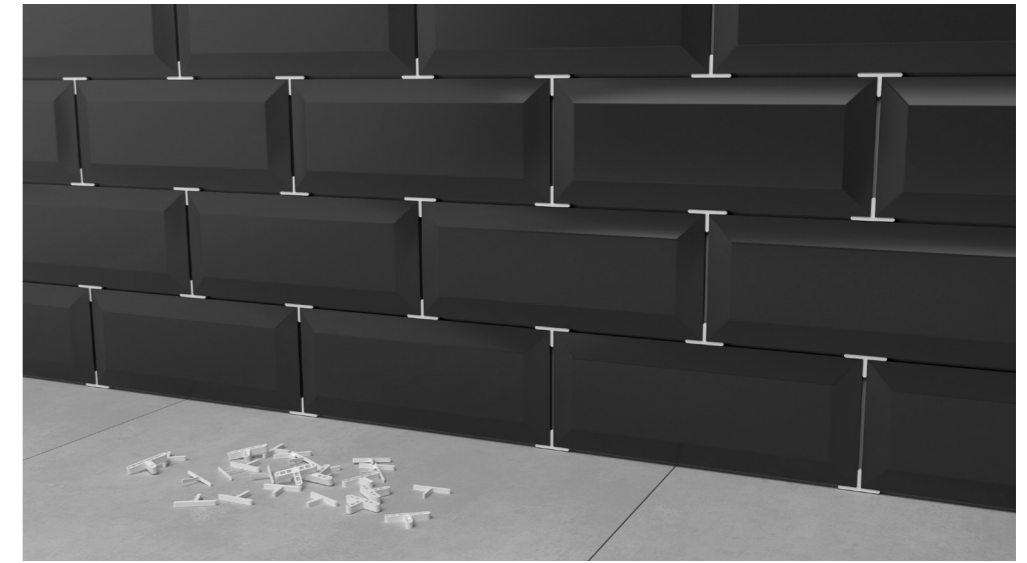
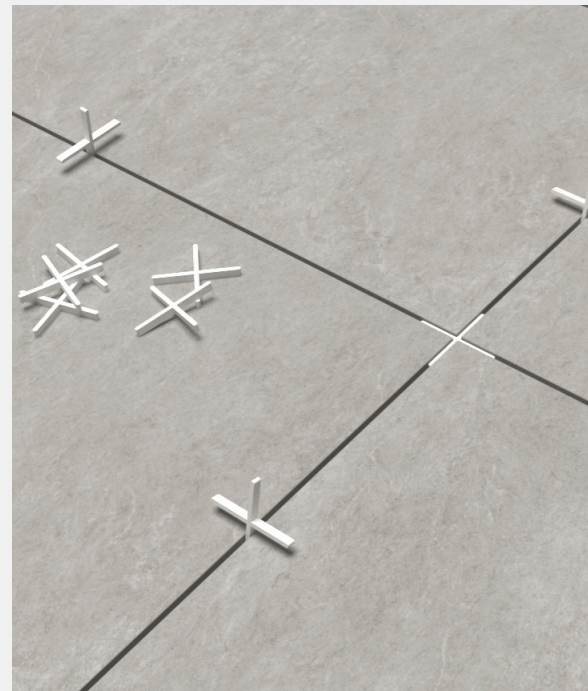
Spacers

X spacers
T spacers
Wedges



Our Multi-Series works as a set of tile spacers. We can separate in I, T or X. Each model has 4 separation measures (1, 2, 3 and 5 mm).

Their material is highly resistant and does not stick to adhesives and this facilitates their removal. For this reason, they are particularly suited for large formats and heavy slabs. These parts can be recovered and reused.



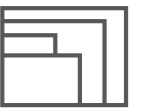
Muy resistentes



100%
reutilizables



No se pegan



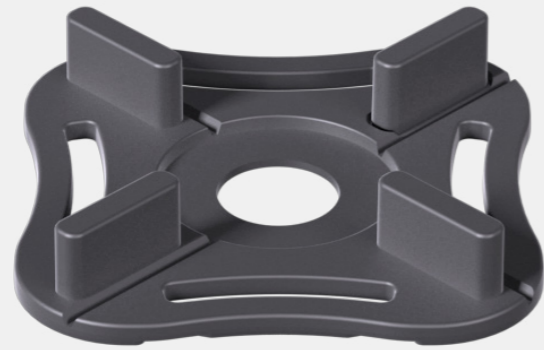
Reforzadas para
grandes losas

REF. ARTICLE

REF.	ARTICLE	PACKING			
03030110I	SpacerX 1 mm 1/32" 300 units	180	582x400x385	10,50	8425402084854
03030111I	SpacerT 1 mm 1/32" 300 units	250	582x400x385	10,24	8425402089972
03030115I	SpacerX 1,5 mm 1/16" 300 units	170	582x400x385	12,56	8425402084878
03030120I	SpacerX 2 mm 3/32" 300 units	120	582x400x385	13,14	8425402084885
03030121I	SpacerT 2 mm 3/32" 300 units	160	582x400x385	13,36	8425402089989
03030130I	SpacerX 3 mm 1/8" 300 units	100	582x400x385	13,24	8425402084908
03030131I	SpacerT 3 mm 1/8" 300 units	150	582x400x385	13,98	8425402089996
03030140H	SpacerX 4 mm 5/32" 200 units	110	582x400x385	13,26	8436585253630
03030150G	SpacerX 5 mm 3/16" 150 units	130	582x400x385	14,30	8436585253647
03030151H	SpacerT 5 mm 3/16" 200 units	220	582x400x385	23,14	8425402090008
03030160E	SpacerX 6 mm 1/4" 100 units	90	582x400x385	12,22	8425402084960
03030170B	SpacerX 7 mm 9/32" 50 units	120	582x400x385	10,08	8436585253654
03030180B	SpacerX 8 mm 5/16" 50 units	120	582x400x385	12,00	8425402085004
03030190S	SpacerX 10 mm 13/32" 50 units	100	582x400x385	10,84	8436585253661
03030200L	Wedge 5 mm 3/16" 500 units	60	395x295x450	14,42	8425402085042
03030202L	Wedge 10 mm 200 units	50	395x295x450	13,54	8436585254040



Spacer Slab 2,5mm



Height 2,5m (1/10")
Joint 4 mm (5/32")



45 mm



80 mm

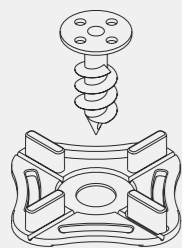


130 mm



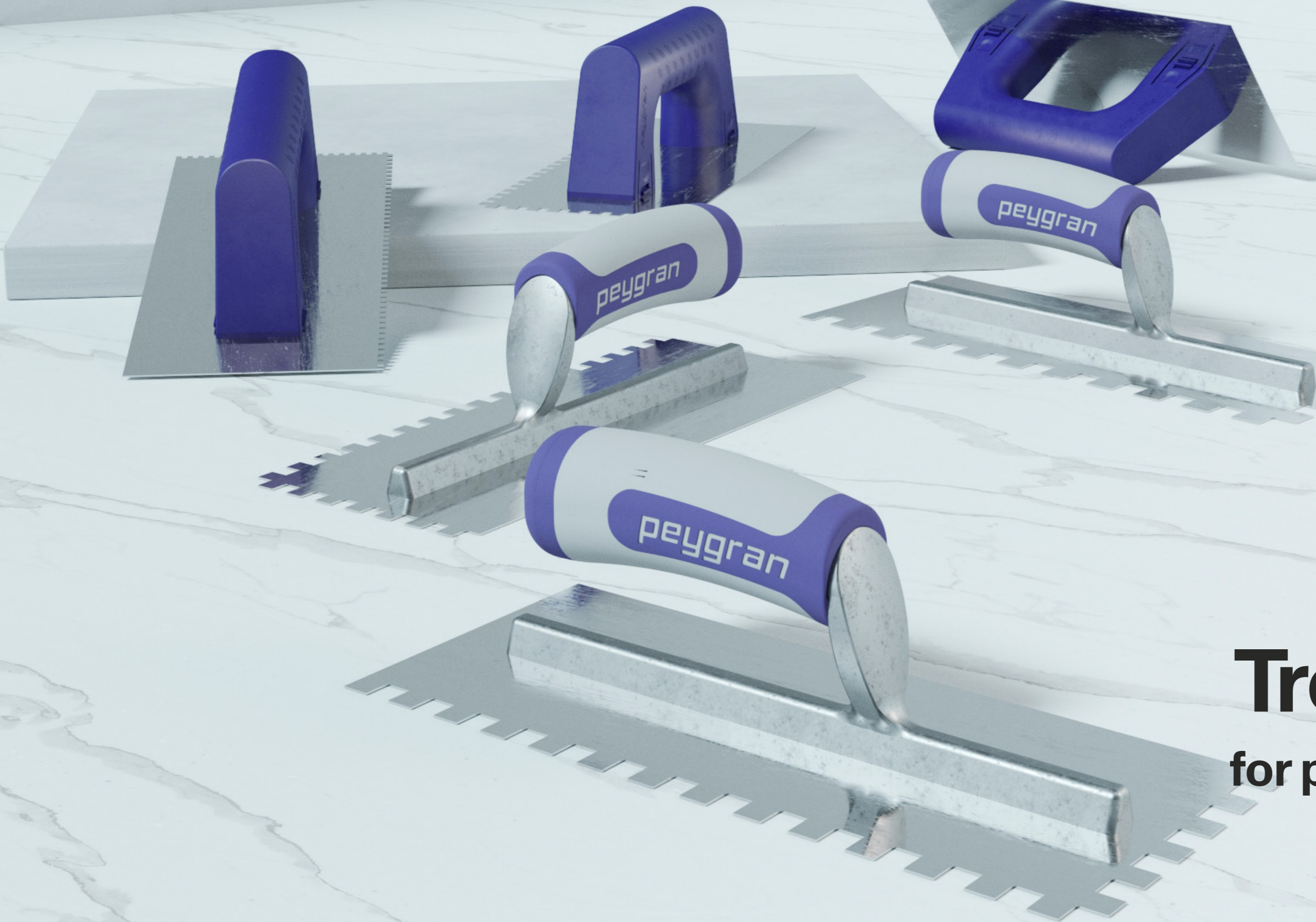
Spacer for ceramic tiles with 2.5 mm thickness and 4 mm joint. Designed for the installation of flooring directly on gravel, sand, and grass. The spacers and the base allow a more stable and even finish.

The part has different ribs to facilitate the modification based on the installing needs. It can be locked in place together with our polyamide screws.



REF.	ARTICLE	PACKING			
03030101B	Spacer Slab 50 units	45	582x400x385	20,80	8425402089958
03030400B	Accesories Spacer Slab Screw 130 mm 50 units	24	582x400x385	16,05	8436585252756
03030410B	Accesories Spacer Slab Screw 80 mm 50 units	45	582x400x385	16,89	8436585252763
03030420B	Accesories Spacer Slab Screw 45 mm 50 units	84	582x400x385	19,23	8436585252770

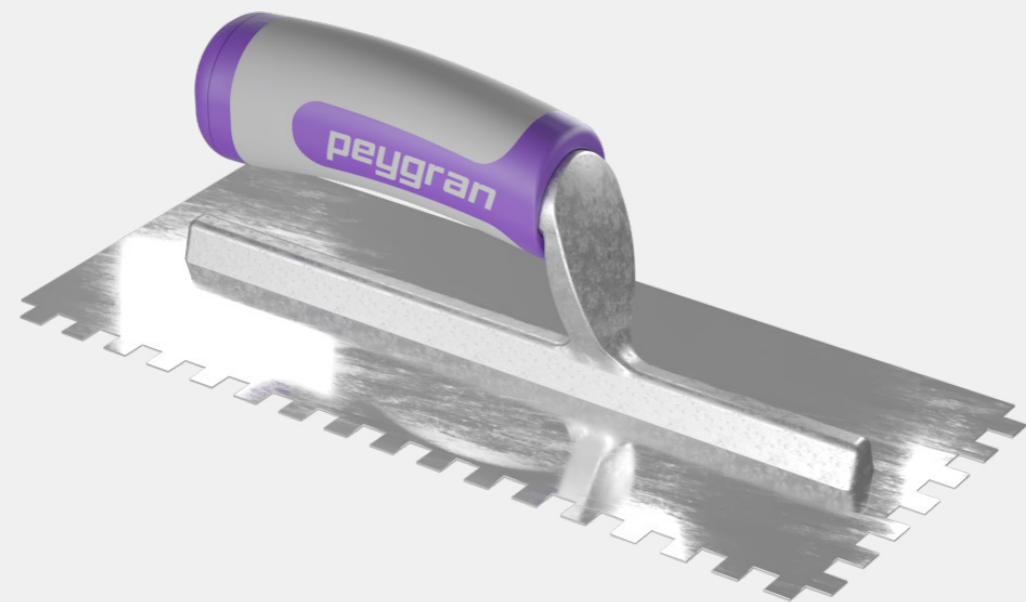




Trowels for placement



Trowels for placement



Handle ergonomic

The Peygran mounting trowels are the perfect tool to apply material. They are made of stainless steel and have an ergonomic grip.

These features guarantee their durability, as well as a comfortable and light handling.



Trowels for placement

Open Handel



ACERO
AISI
301



Ergonomic handle



Light tool



Hardened steel



You will find enhanced comfort in the open-handle trowels, which allow you to spread material from any posture and on difficult surfaces.

The open handle provides an adaptable grip, and the non-slip rubber prevents it from slipping due to external materials. Additionally, it comes in a wide variety of sizes and the best combination of tempered stainless steel to ensure durability.

They are made from high-quality stainless steel (AISI 301).



Ergonomic handle

Made to fit any hand and any posture. Our open handle is made from two materials, including a soft, non-slip rubber.

You can carry out plastering with total security and without the risk of the float slipping, even when working in damp conditions or with excess material on the handle.



Light tool

With a perfectly offset balance, our trowels offer a very reduced weight. The Peygran mounting trowels prevent the muscular overload and the wrist problems caused by repetitive use, uncomfortable positions, and the use of heavy tools.



Hardened steel

We do not use just any steel to manufacture our trowels. We make them with a combination of stainless steel, PP 30% FV and TPE, which make them incredibly resistant to oxidation and chemicals, making them extremely long-lasting tools.

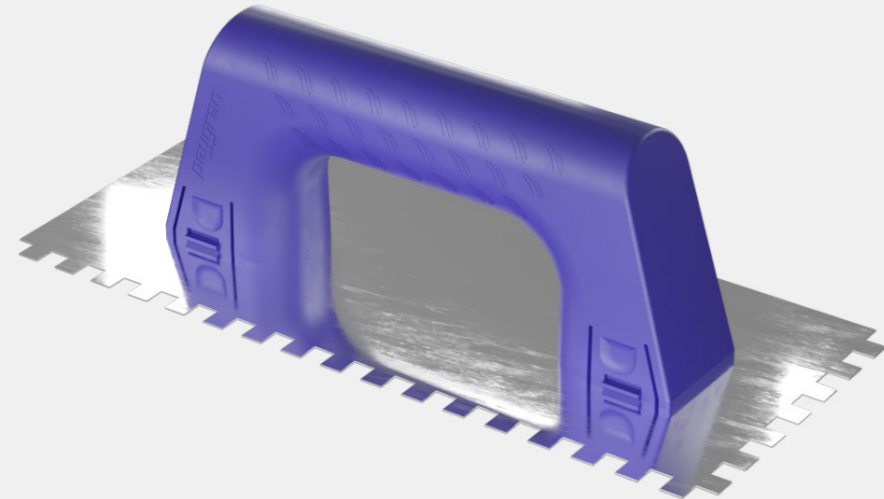
PACKING

REF.	ARTICLE				
03020211A	Trowel INOX Straight Open Handel 280 x 120 mm 1 unit	42	582x400x385	18,01	8436585252275
03020211B	Trowel INOX Natched Open Handel 280 x 120 mm 3*3 1 unit	42	582x400x385	17,85	8436585252282
03020211C	Trowel INOX Natched Open Handel 280 x 120 mm 6*6 1 unit	42	582x400x385	17,80	8436585252299
03020211D	Trowel INOX Natched Open Handel 280 x 120 mm 8*8 1 unit	42	582x400x385	17,70	8436585252305
03020211E	Trowel INOX Natched Open Handel 280 x 120 mm 10*10 1 unit	42	582x400x385	17,64	8436585252312
03020211F	Trowel INOX Natched Open Handel 280 x 120 mm 12*12 1 unit	42	582x400x385	17,64	8436585252329



Trowels for placement

Closed Handel



STEEL
AISI
301



Ergonomic handle



Light tool



Hardened steel



The Peygran closed grip trowels are the ideal tool for tile installation due to the resistant steel sheet, the patterned handle for a better grip, the light weight, or the different sizes available (from 3x3 to 12x12 mm).

They have been prepared to support any type of wearing caused by oxidation and chemicals, making them a durable tool that will stay in your toolbox for years.

They are made of high quality stainless steel (AISI 301).

Ergonomic handle

The handles of the Peygran Placing Floats are made to fit any hand and any posture.

Made from shockproof plastic with a non-slip pattern, you can carry out smoothing even when there is excess material, which in other circumstances could cause a more slippery grip.



Light tool

With a perfectly offset balance, our trowels offer a very reduced weight. The Peygran mounting trowels prevent the muscular overload and the wrist problems caused by repetitive use, uncomfortable positions, and the use of heavy tools.



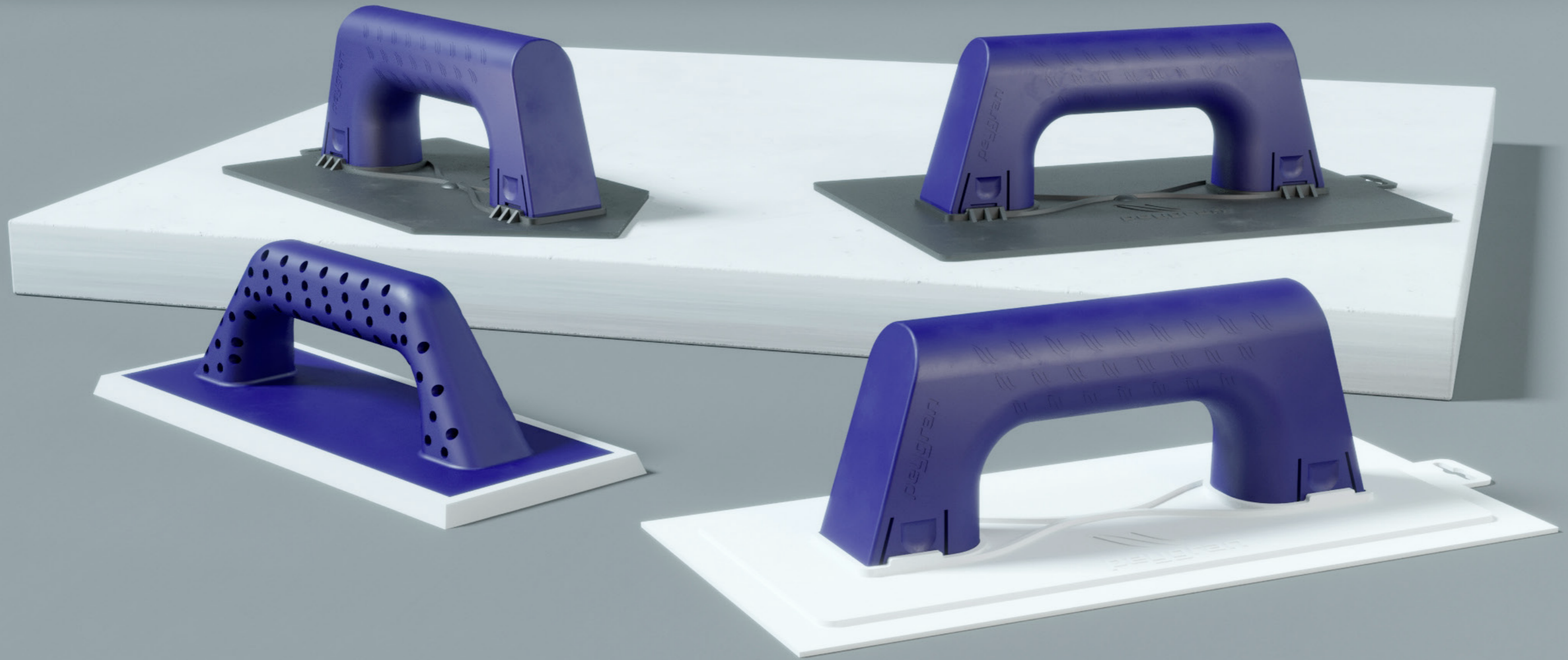
Hardened steel

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PACKING

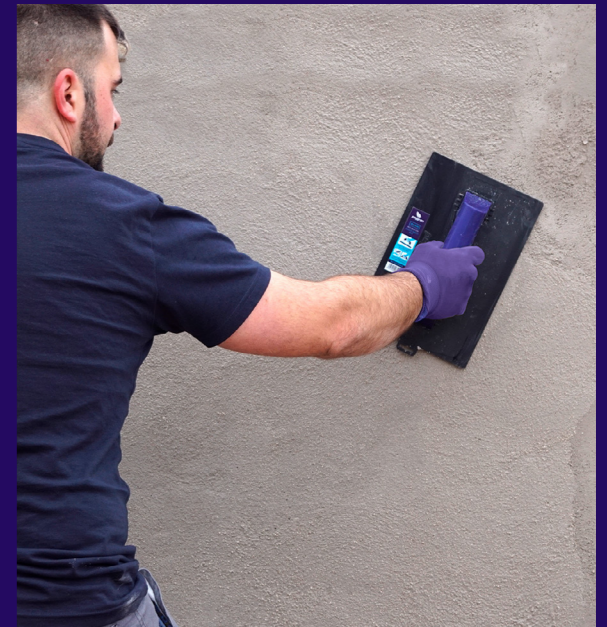
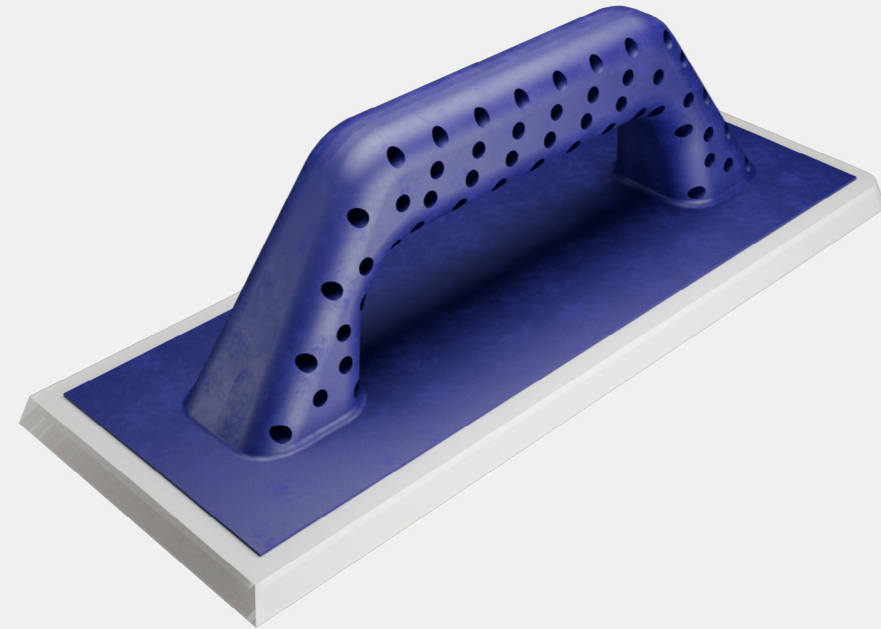
REF.	ARTICLE				
03020200A	Trowel INOX Straight Closed Handel 280 x 120 mm 1 unit	32	582x400x385	11,90	8425402085431
03020210D	Trowel INOX Natched Closed Handel 280 x 120 mm 3*3 1 unit	32	582x400x385	11,59	8436585252558
03020210E	Trowel INOX Natched Closed Handel 280 x 120 mm 6*6 1 unit	32	582x400x385	11,82	8436585252565
03020210A	Trowel INOX Natched Closed Handel 280 x 120 mm 8*8 1 unit	32	582x400x385	11,58	8425402085448
03020210B	Trowel INOX Natched Closed Handel 280 x 120 mm 10*10 1 unit	32	582x400x385	11,62	8425402085455
03020210C	Trowel INOX Natched Closed Handel 280 x 120 mm 12*12 1 unit	32	582x400x385	11,80	8425402085462



Floats for placement



Floats for placement



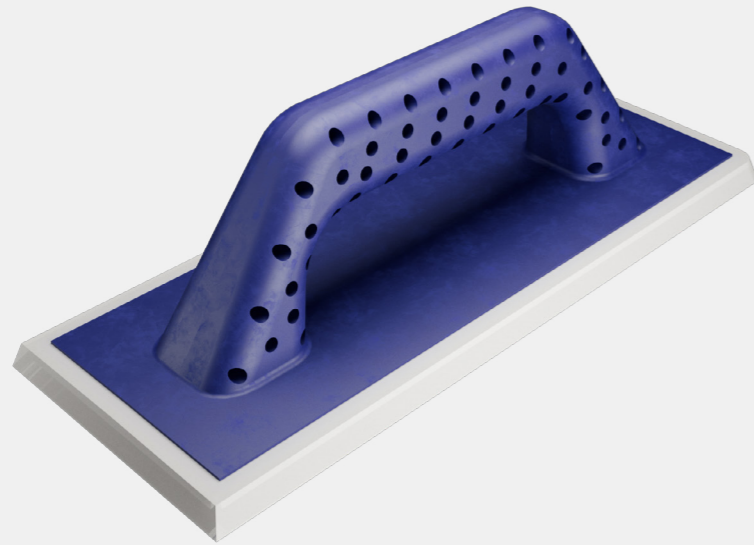
Interchangeable handle, multiple uses.

The reusable grip system allows changing and using different types of bases in a quick and convenient way.

They are an effective solution for floating with a wide variety of models, finishes, textures, and the ergonomic grip.



Floats for placement



Reusable handle



Light tool



Ergonomic handle



Comfortable use



Very light

The Peygran mounting floats include a high-resistance click system designed to allow a fast tool change. With just one grip, you will be able to use the entire range of models, and this will provide savings for you and for the environment.

Ergonomic handles

The grips for the Peygran mounting floats have been designed to fit any hand in any position.

Made of shock-resistant plastic with a non-slip pattern, so it allows floating even when there is an excess of material, which, under different circumstances, would create a more slippery adherence.

The prevent overloading, can be adapted to your hand and become an extension of your body, so they facilitate even the more tedious floating.



Reusable handle

The Peygran mounting floats include a high-resistance click system designed to allow a fast tool change.

With just one grip, you will be able to use the entire range of models, and this will provide savings for you and for the environment.

Light tool

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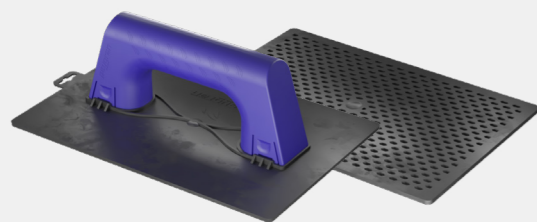
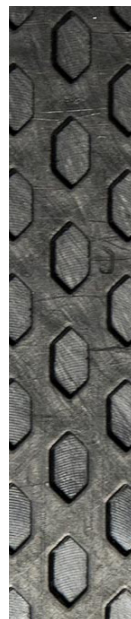
REF.

ARTICLE

PACKING



REF.	ARTICLE	Box	Weight (Kg)	Barcode
03020170A	Float Grouting 250 x 100 mm 1 unit	45	582x400x385 15,92	8425402085479
03020171A	Float Pointed 270 x 180 mm 1 unit	34	582x400x385 11,36	8425402085554
03020172A	Float Pointed - Replacement 270 x 180 mm 1 unit	150	395x295x450 17,34	8425402085707
03020173A	Float Plasters 300 x 140 mm 1 unit	44	582x400x385 11,65	8425402085691
03020174A	Float Plasters - Replacement 300 x 140 mm 1 unit	150	395x295x450 15,46	8425402089811
03020180A	Float Straight Texture 270 x 180 mm 1 unit	34	582x400x385 11,44	8425402085394
03020180B	Float Straight Smooth 270 x 180 mm 1 unit	34	582x400x385 11,14	8425402085400
03020190A	Float Straight Texture - Replacement 270 x 180 mm 1 unit	150	395x295x450 26,01	8425402085417
03020190B	Float Straight Smooth - Replacement 270 x 180 mm 1 unit	150	395x295x450 25,18	842540208542



Float Straight Texture

Interchangeable float with an ergonomic grip for floating texture surfaces.

REF. ARTICLE

03020180A Float Straight Texture 270 × 180 mm 1 unit

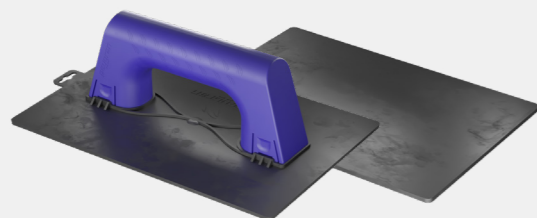
03020190A Float Straight Texture - Replacement 270 × 180 mm 1 unit

PACKING



34 582×400×385 11,44 8425402085394

150 395×295×450 26,01 8425402085417



Float Straight Smooth

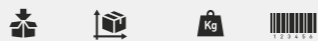
Interchangeable float with an ergonomic grip, for floating smooth surfaces.

REF. ARTICLE

03020180B Float Straight Smooth 270 × 180 mm 1 unit

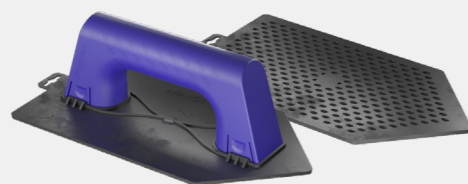
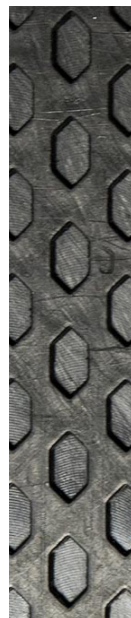
03020190B Float Straight Smooth - Replacement 270 × 180 mm 1 unit

PACKING



34 582×400×385 11,14 8425402085400

150 395×295×450 25,18 8425402085424



Float Pointed

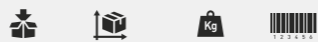
Interchangeable float with an ergonomic grip for floating texture surfaces.

REF. ARTICLE

03020171A Float Pointed 270 × 180 mm 1 unit

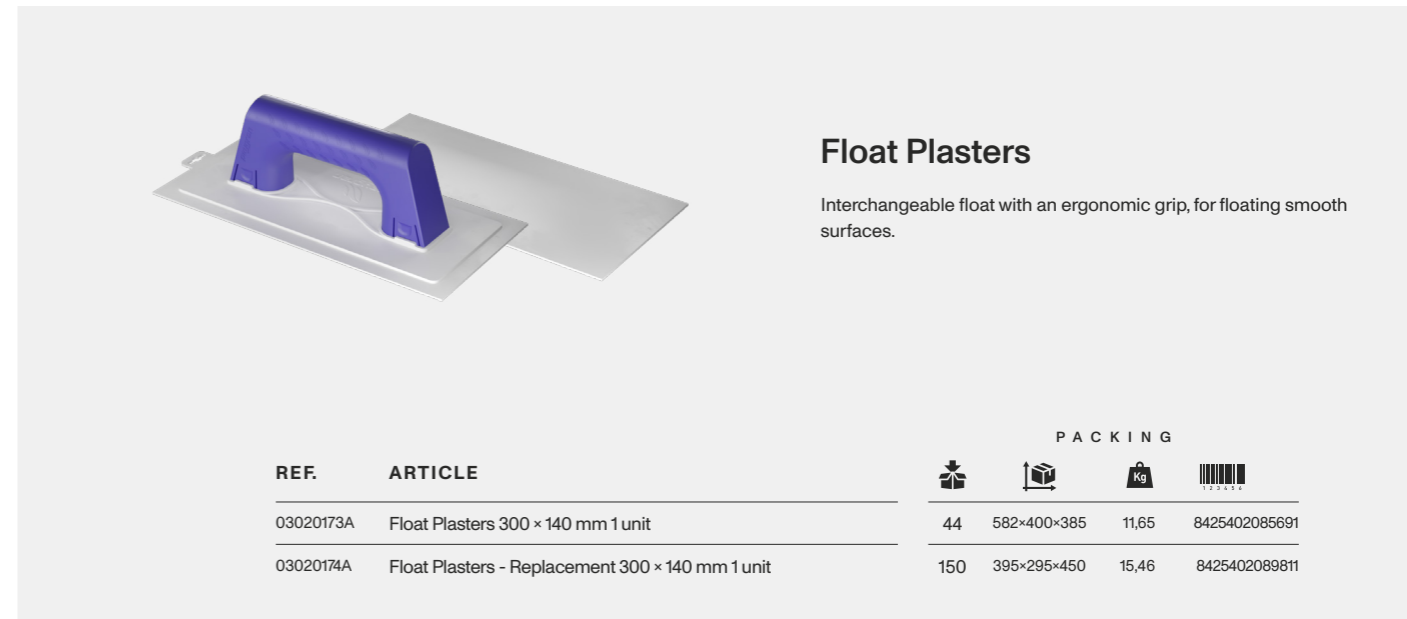
03020172A Float Pointed - Replacement 270 × 180 mm 1 unit

PACKING



34 582×400×385 11,36 8425402085554

150 395×295×450 17,34 8425402085707



Float Plasters

Interchangeable float with an ergonomic grip, for floating smooth surfaces.

REF. ARTICLE

03020173A Float Plasters 300 × 140 mm 1 unit

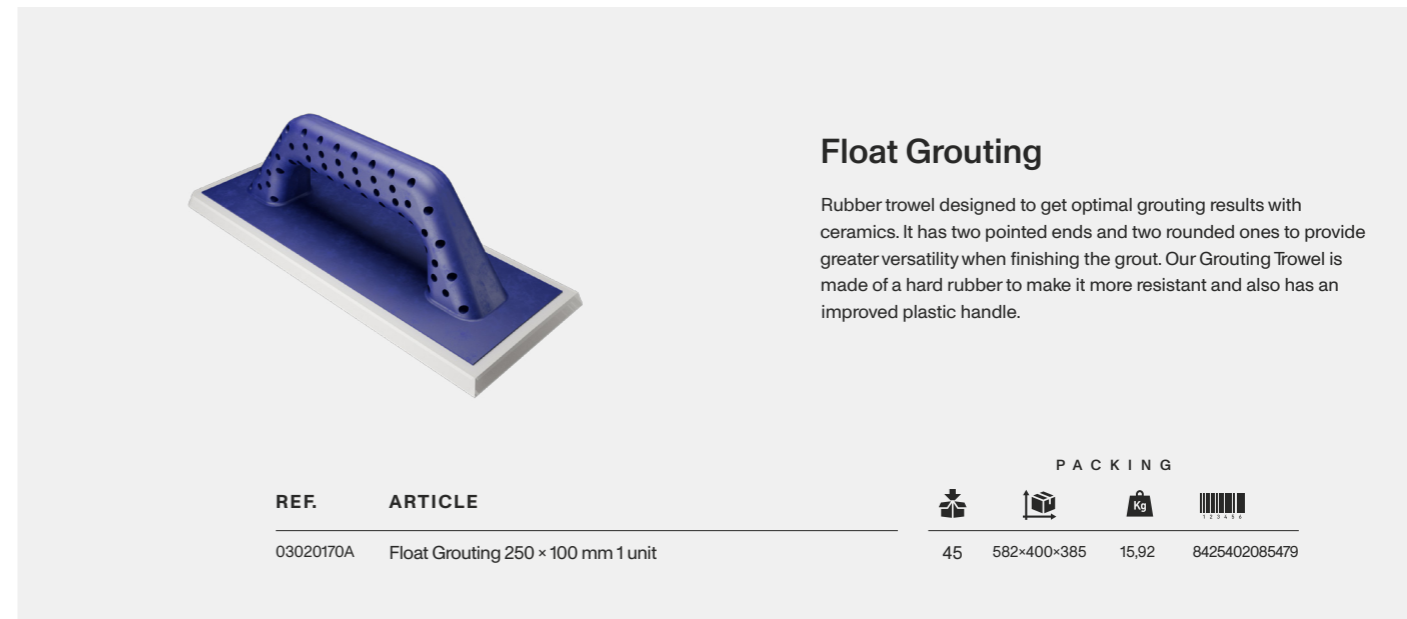
03020174A Float Plasters - Replacement 300 × 140 mm 1 unit

PACKING



44 582×400×385 11,65 8425402085691

150 395×295×450 15,46 8425402089811



Float Grouting

Rubber trowel designed to get optimal grouting results with ceramics. It has two pointed ends and two rounded ones to provide greater versatility when finishing the grout. Our Grouting Trowel is made of a hard rubber to make it more resistant and also has an improved plastic handle.

REF. ARTICLE

03020170A Float Grouting 250 × 100 mm 1 unit

PACKING



45 582×400×385 15,92 8425402085479



Cleaning

Cleaning

The best finishes



Reduces effort and saves time

All the items in our float range have an ergonomic grip. Further convenience is provided with the removable float grips, which allow extending the shelf life with our sponge spares, as different bases can be fit.

Floats made of premium high-impact polystyrene.



Cleaning



Maximum cleaning,
minimum effort



Reusable
handle



Light
tool



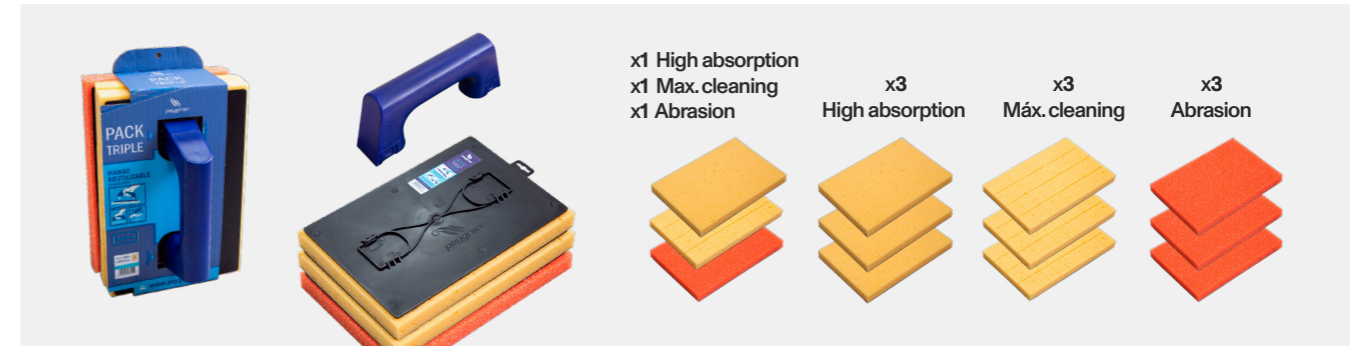
Ergonomic
handle



The Peygran mounting float includes a high-resistance click system designed to allow a fast tool change. Made of shock-resistant plastic with a non-slip pattern, so it allows cleaning surfaces in the most convenient way possible.

With just one grip, you will be able to use the entire range of models, and this will provide savings for you and for the environment.

The large size and the thickness of the sponges help trap the dirt within the tool with superb ease. The variety of models allows adapting to each type of surface.



REF.	ARTICLE	PACKING			
03020191A	Float Handel Replacement 1 unit	112	582×400×385	16,66	8436585252350
03020100A	Float High Absorption 280 × 190 mm 1 unit	20	582×400×385	7,58	8425402085332
03020100B	Float High Absorption 270 × 130 mm 1 unit	27	582×400×385	7,98	8425402085240
03020110A	Float Maximum Cleaning 280 × 190 mm 1 unit	20	582×400×385	7,82	8425402085349
03020110B	Float Maximum Cleaning 270 × 130 mm 1 unit	27	582×400×385	7,95	8425402085257
03020120A	Float Abrasion 280 × 190 mm 1 unit	20	582×400×385	8,27	8425402085356
03020120B	Float Abrasion 270 × 130 mm 1 unit	27	582×400×385	8,16	8425402085295
03020130A	Float High Absorption - Replacement 280 × 190 mm 1 unit	48	582×400×385	10,66	8425402085363
03020130B	Float High Absorption - Replacement 270 × 130 mm 1 unit	65	582×400×385	8,32	8425402085301
03020140A	Float Maximum Cleaning - Replacement 280 × 190 mm 1 unit	48	582×400×385	10,86	8425402085370
03020140B	Float Maximum Cleaning - Replacement 270 × 130 mm 1 unit	65	582×400×385	8,32	8425402085486
03020150A	Float Abrasion - Replacement 280 × 190 mm 1 unit	48	582×400×385	10,96	8425402085387
03020150B	Float Abrasion - Replacement 270 × 130 mm 1 unit	65	582×400×385	8,32	8425402085547
03020160A	Float High Absorption - Pack Triple 280 × 190 mm 1 unit	10	582×400×385	9,16	8425402085493
03020160B	Float Maximum Cleaning - Pack Triple 280 × 190 mm 1 unit	10	582×400×385	8,62	8425402085509
03020160C	Float Abrasion - Pack Triple 280 × 1900 mm 1 unit	10	582×400×385	9,15	8425402085516
03020160D	Float Combined - Pack Triple 280 × 190 mm 1 unit	10	582×400×385	8,62	8425402085523

Grouting Bucket



Grouting Bucket Accessories
Replacement Grid and Rollers 1 unit



Grouting Bucket Accessories
Replacement 2 Rollers 2 units



Grouting Bucket Accessories
Wheels 2 units



Grouting bucket provided with a roller system that ensures a maximum and more efficient draining.

Specially designed for cleaning and grouting in the work of laying and tiling ceramic tiles. It is made of polypropylene plastic with a capacity of 20 litres. The optimum amount of water that the bucket must carry is approximately 10L.

There are spare parts available for the Grouting Bucket. Replace the damaged part of your bucket instead of replacing the whole product. These spare parts are easy to assemble and highly resistant, so you can give your bucket a second life.



Grouting Bucket PACK

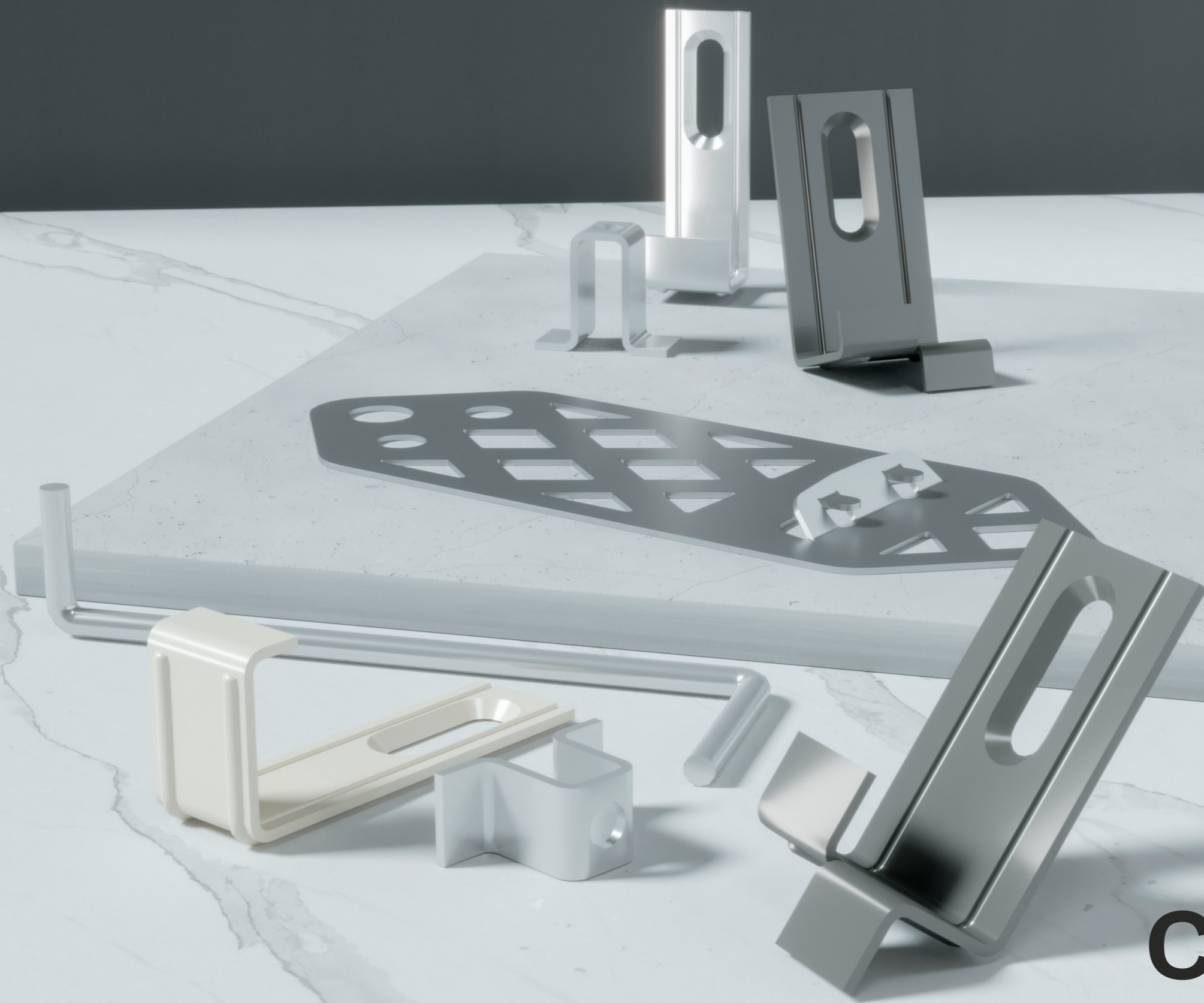
- +1 Grouting Bucket 20 L
- +1 Grouting Wheels 2 units
- +1 Triple Pack 270 × 130 mm
- +1 Grouting Float 250 × 100 mm



PACKING

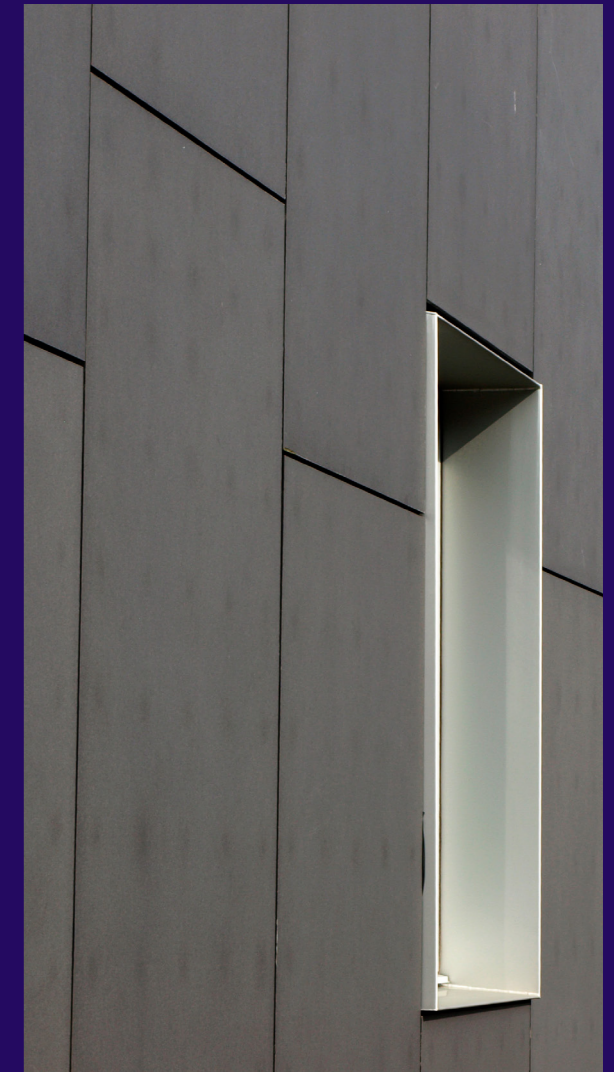
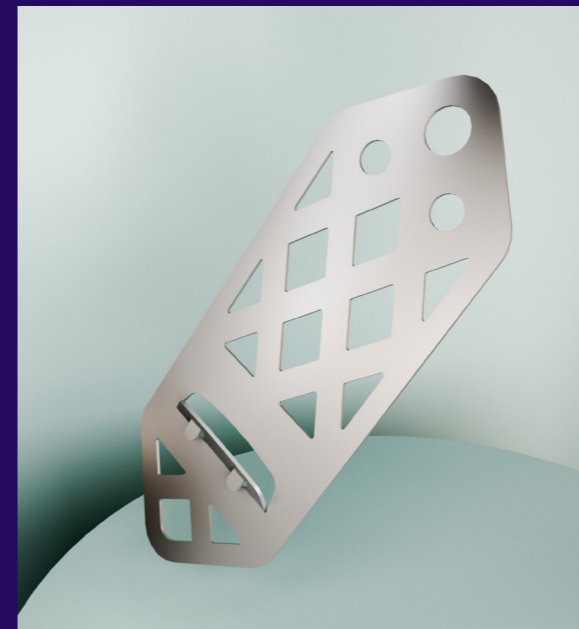
REF.	ARTICLE				
03020300A	Grouting Bucket 20 L 1 unit	1	570×310×310	2,48	8425402089897
03020310A	Accessories Grouting Wheels 2 units	20	582×400×385	1,77	8425402089927
03020320A	Accessories Grouting Replacement 2 Rollers 2 units	50	582×400×385	37,40	8425402089903
03020330A	Accessories Grouting Replacement Grid and Rollers 1 unit	3	582×400×385	2,10	8425402089910
03020340A	Grouting Bucket Pack 1 unit	1	570×310×310	3,66	8425402089911





Cladding anchors

Clip Clamp 6mm



A new way of securing your façade

The cladding façade anchors or clamps are a system of mechanical fastening for façade cladding using a mixed system that combines adherence and mechanical fastening.

As indicated by the UNE 138002 standard for ceramic tile cladding by adherence, it is recommended to assess the specific use in tiles

whose longest side exceeds 30 cm, as well as taking into account the particular conditions of environmental exposure, the quality of the support and its dimensional stability.

Clip Clamp



A new way of securing your façade

Our new Clip Clamp now joins our existing mechanical fixing systems for mixed cladding façades. This anchor model ensures faster installations thanks to its installation and placement process.

This model is suitable for installing fixing systems that you want to conceal and is recommended for pieces with a thickness of 6 mm or more.

The new Clip Clamp makes it easier to install mixed cladding façades. Simply make a groove in the tile with a cutting tool, fit the clamp and perform double bonding. Additionally, the use of a knock-in plug

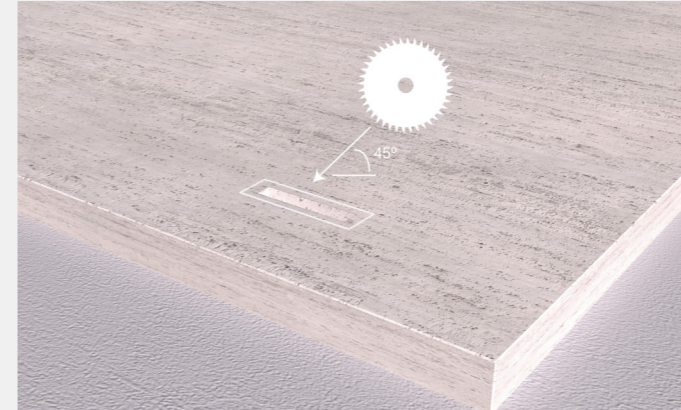
speeds up installation so it takes less time.

One key feature of this piece is its double tab, which increases the clamp's grip on the tile and strengthens its hold.

Another advantage of this anchor is that you can choose the desired joint thickness as required and combine it with the corresponding levelling system and/or cross plates.

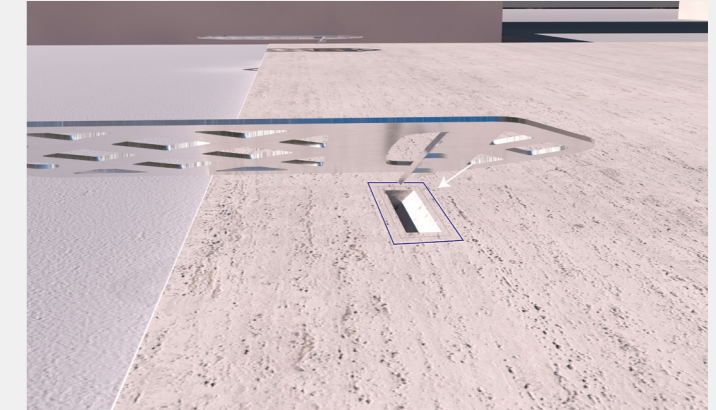
Installation

Clip Clamp 6mm



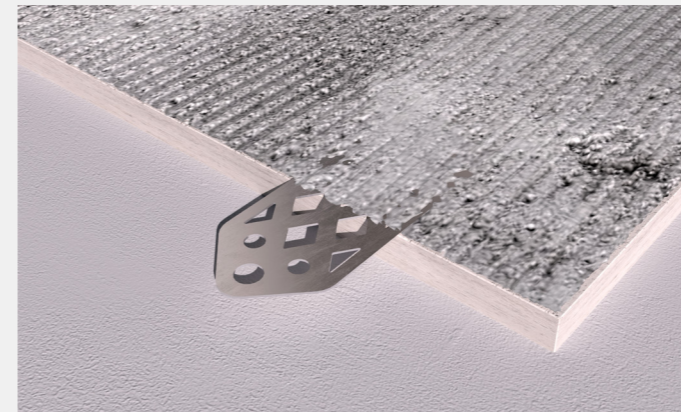
1. Groove the tile.

The groove must be made at a 45° angle and at least 30 mm from the top edge. Minimum tile thickness 6mm.



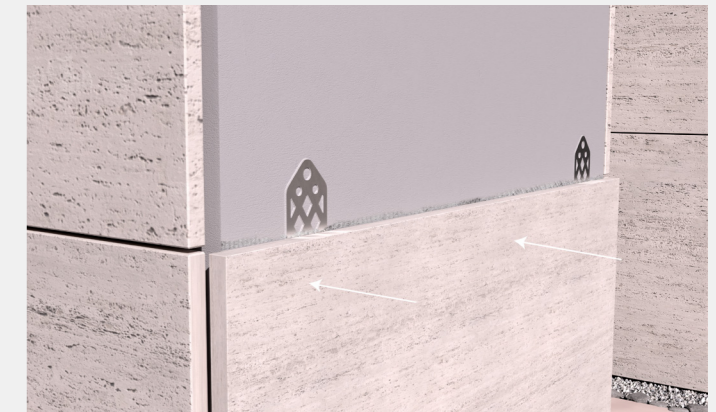
2. Insert the clip.

Place the clip in the groove and leave it in place for the following steps.



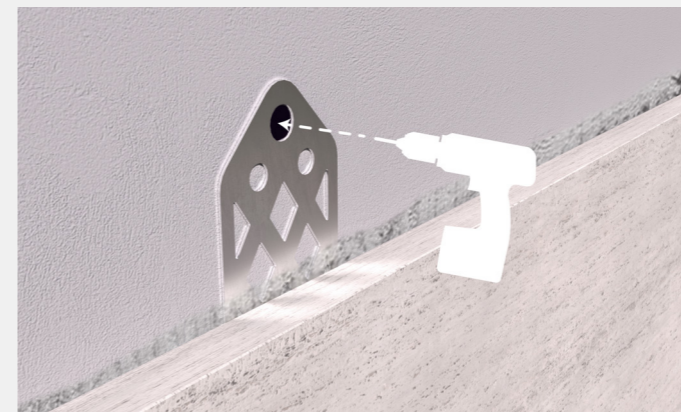
3. Double gluing.

Proceed with gluing the tile and the surface where it will be placed.



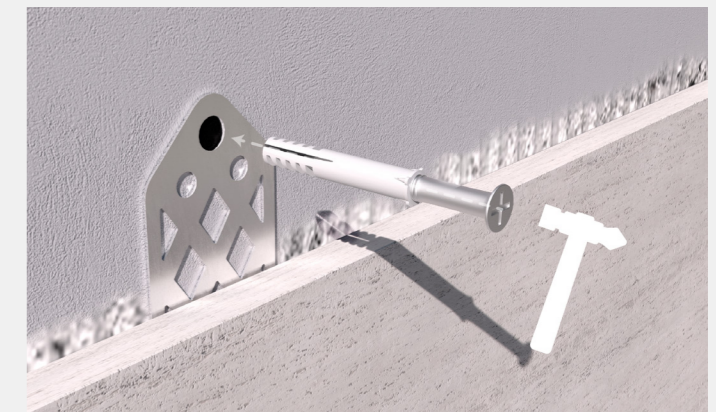
4. Place the tile.

Install the tile on the prepared surface.



5. Drill.

Drill into the corresponding hole of the clip to place the dowel.



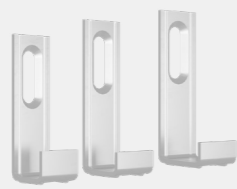
6. Hammer in the dowel.

Using a hammer, proceed to secure the dowel in place.

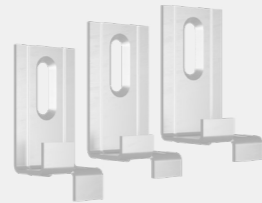
Cladding anchors



Clip Clamp
6 mm



Start
10 / 12 / 15 mm



Intermediate
10 / 12 / 15 mm



Omega
10 / 15 mm



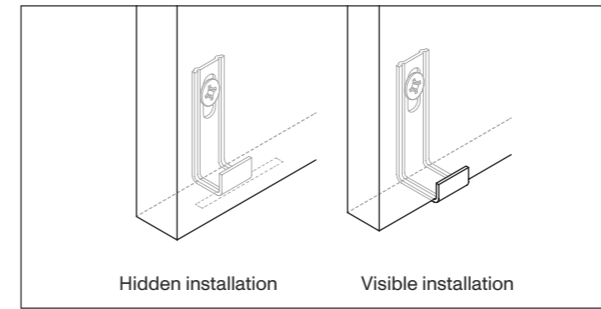
Z



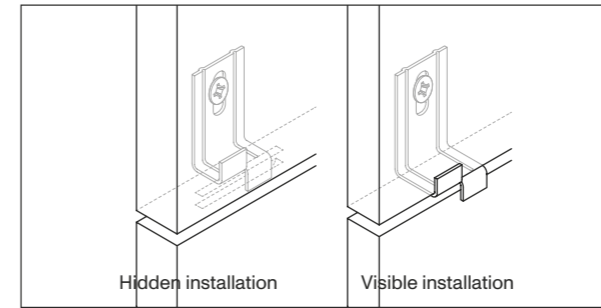
This part can be installed very easily. Moreover, they are made of 316AISI stainless steel. Its use prevents slab detachment. They can also be used for natural stone cladding using mixed systems.

The direct installation on the cladding façade works as a safety complement. Increases considerable the resistance to tile detachment.

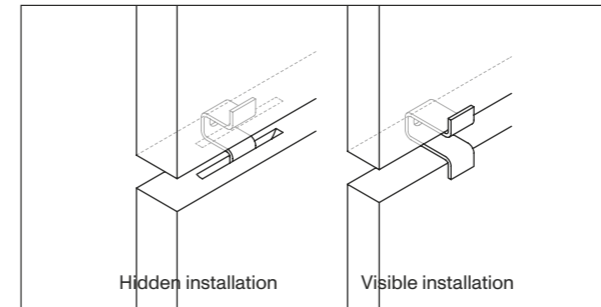
The installation is done directly on the substrate of the cladding, so the application procedure is very simple.



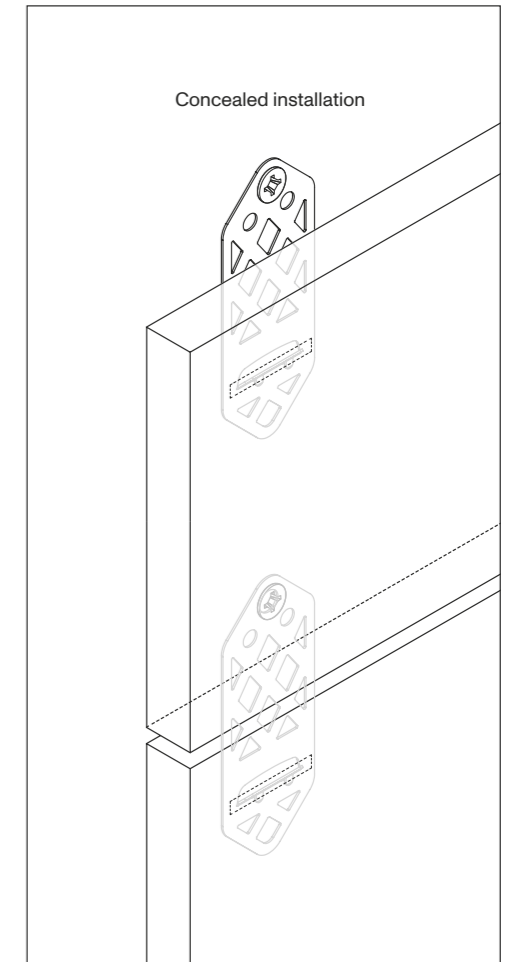
Hidden installation Visible installation



Hidden installation Visible installation



Hidden installation Visible installation



Concealed installation

INCLUDES:

Start and Intermediate	Screw DIN 7505-A-PH-INOX-A2 3,5 x 35 mm - Plug 5 x 25 mm.	
Omega	Screw DIN 7505 INOX A2 3 x 30 mm - Plug 5 x 25 mm.	
Clip	Clip Staple does NOT include anchorage. Recommended installation with Hammer-in Anchor Dowel.	

REF.

ARTICLE

PACKING

REF.	ARTICLE				
03050020E	Clamp Start with Dowel and Screw 15 mm 100 units	24	395x295x450	18,62	8436585253036
03050220E	Clamp Start with Dowel and Screw 12 mm 100 units	24	395x295x450	0,60	8436585254538
03050120E	Clamp Start with Dowel and Screw 10 mm 100 units	24	395x295x450	18,36	8436585253043
03051020E	Clamp Intermediate with Dowel and Screw 15 mm 100 units	18	395x295x450	21,06	8436585253050
03051220E	Clamp Intermediate with Dowel and Screw 12 mm 100 units	24	395x295x450	0,60	8436585254651
03051120E	Clamp Intermediate with Dowel and Screw 10 mm 100 units	18	395x295x450	21,08	8436585253067
03052001E	Clamp Omega with Dowel and Screw 15 mm 100 units	30	395x295x450	14,81	842540208580
03052101E	Clamp Omega with Dowel and Screw 10 mm 100 units	30	395x295x450	12,12	842540208581
03053001E	Clamp Z 100 units	30	395x295x450	19,62	842540208582
03053001B	Clamp Clip 6 mm 50 units	1	395x295x450	0,60	8436585254774
03053002B	Accessories Anchors Impact Cue Clamp Clip 8 x 60 mm 50 units	0	395x295x450	0,00	8436585254781

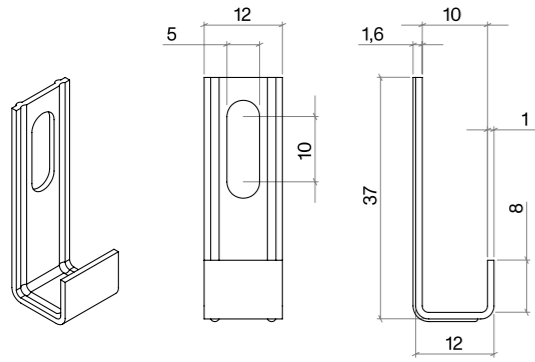
Minimum joint recomended 5 mm (UNE 138002:2017)

UNE-EN 10088-2: Technical stainless steel for corrosion resistant steel sheets and strips used for general purposes.

Both models can be installed as exposed or hidden depending on the thickness of the tile.

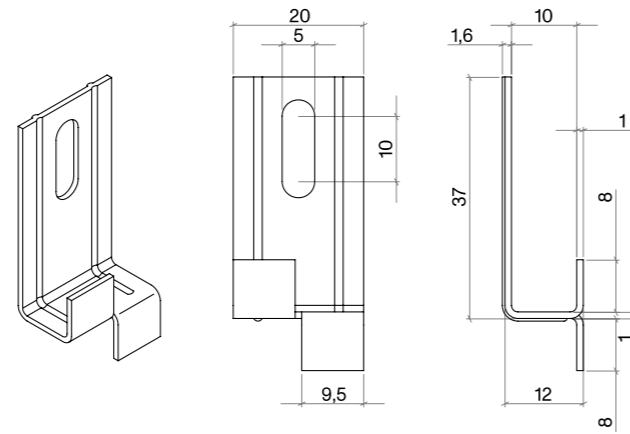
Start clamp 10

Tol: + -0,5 mm



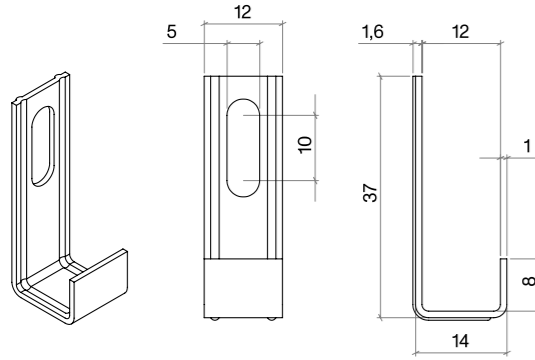
Intermediate clamp 10

Tol: + -0,5 mm



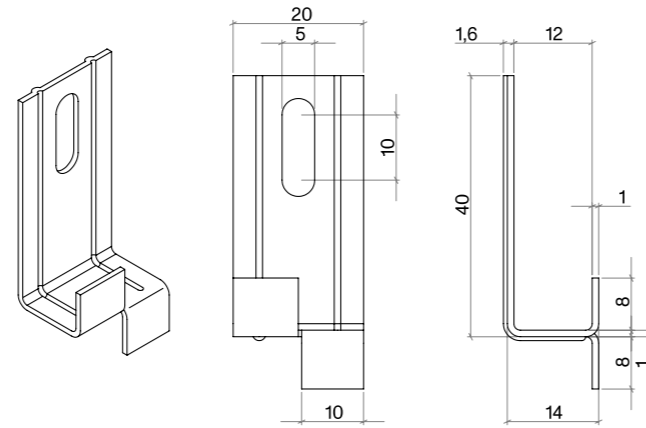
Start clamp 12

Tol: + -0,5 mm



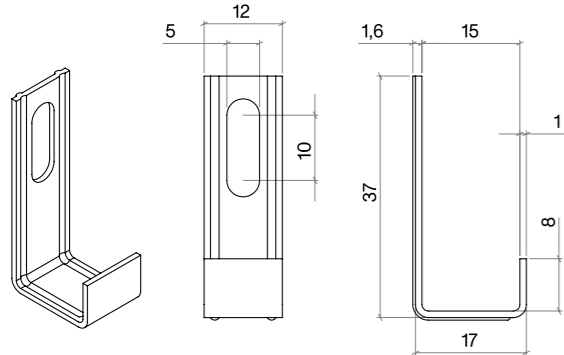
Intermediate clamp 12

Tol: + -0,5 mm



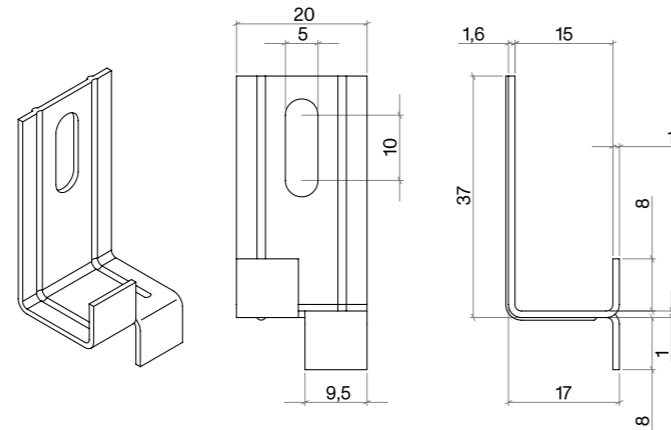
Start clamp 15

Tol: + -0,5 mm



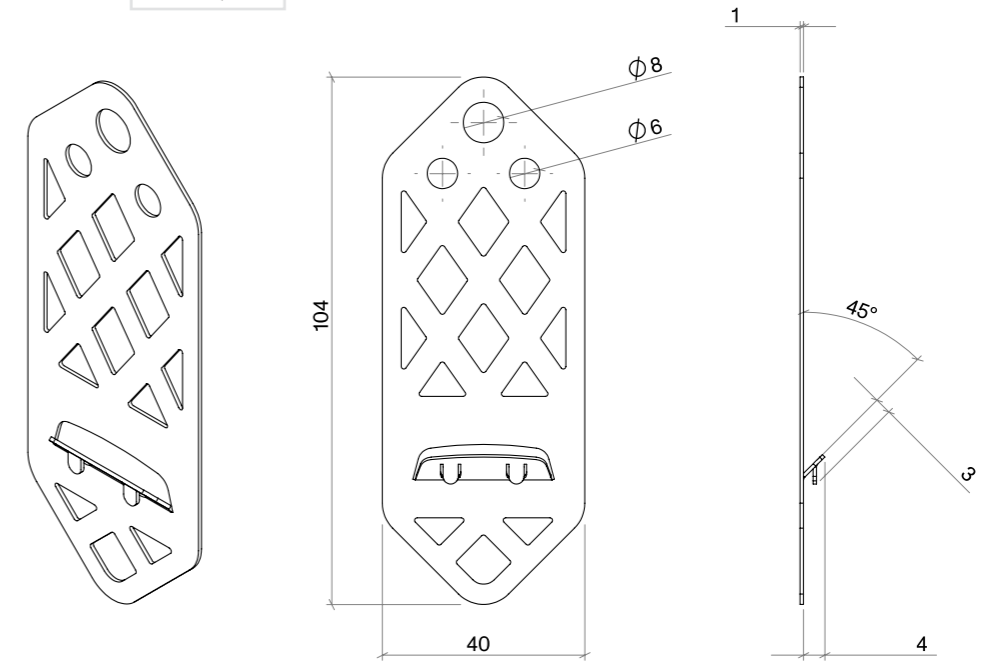
Intermediate clamp 15

Tol: + -0,5 mm



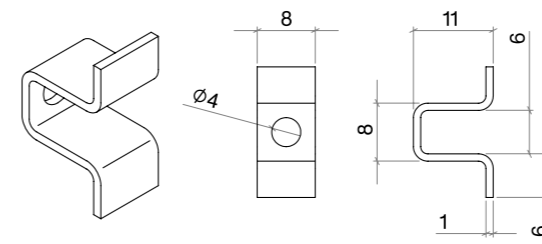
Clip clamp 6mm

Tol: + -0,5 mm



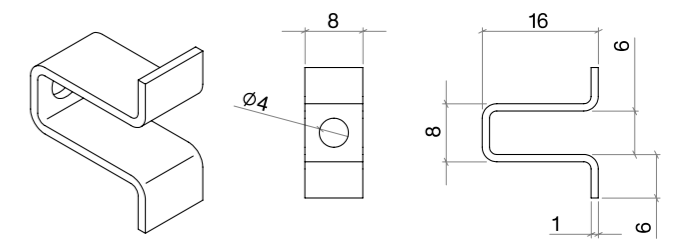
Omega clamp 10

Tol: + -0,5 mm

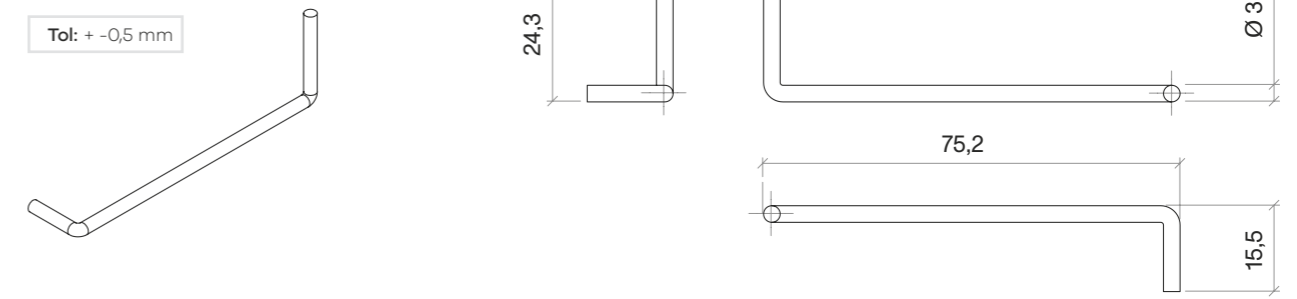


Omega clamp 15

Tol: + -0,5 mm



Tol: + -0,5 mm



Minimum joint recommended 5 mm (UNE 138002:2017)

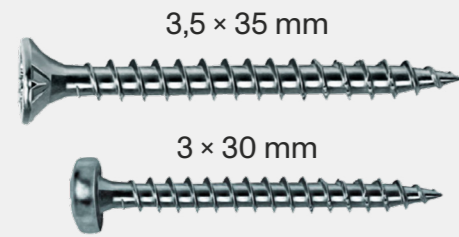
UNE-EN 10088-2: Technical stainless steel for corrosion resistant steel sheets and strips used for general purposes. Both models can be installed as exposed or hidden depending on the thickness of the tile.

Minimum joint recommended 5 mm (UNE 138002:2017)

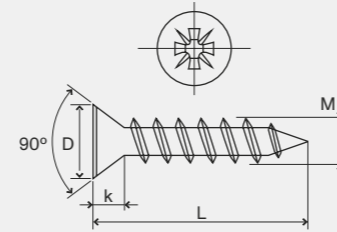
UNE-EN 10088-2: Technical stainless steel for corrosion resistant steel sheets and strips used for general purposes. Both models can be installed as exposed or hidden depending on the thickness of the tile.

Screw DIN 7505/A pozidrive 3,5×35 mm
Screw DIN 7505/B PZ A2 - 3×30 mm

Stainless steel A2



MEDIDAS	3,5	3
D	7	6
K	2	1,8
Z	2	1
K	35	30



Nylon plug

Nylon

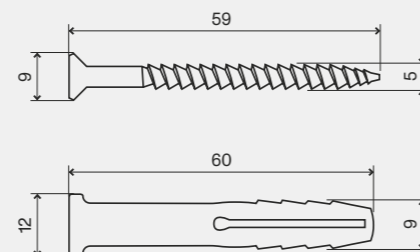
5 × 25 mm



Medidas (mm)	Tornillo
5 × 25	Ø 3 a 4 mm

Impact Cue Clamp Clip 8 × 60 mm

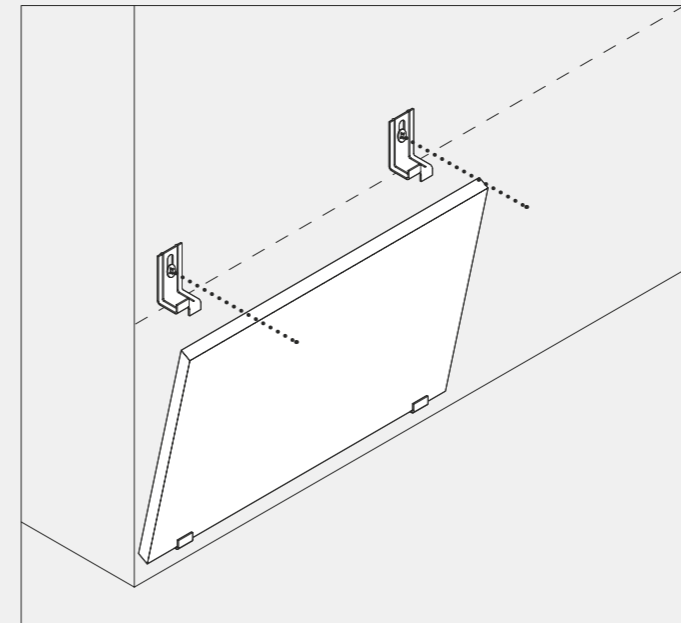
8 × 60 mm



Installation

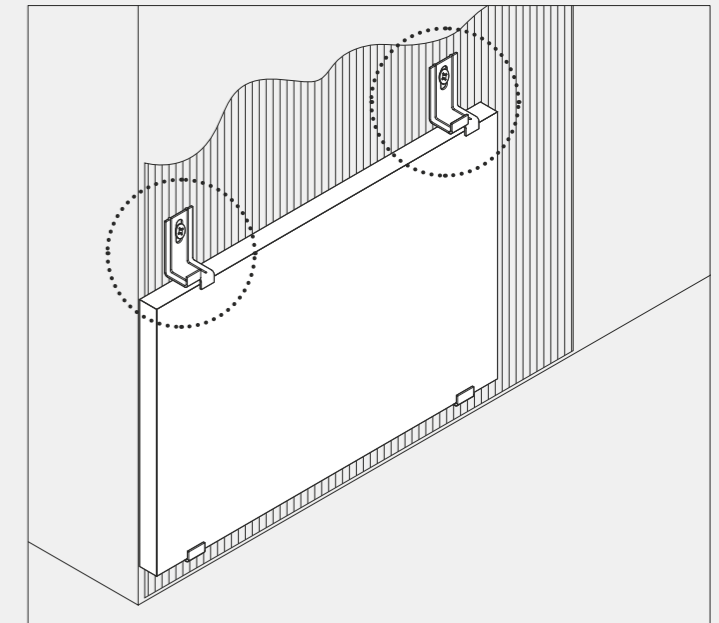
Start Clamp and Intermediate Clamp

The installation method of our clamps is the same for the 10, 12 and 15mm models.



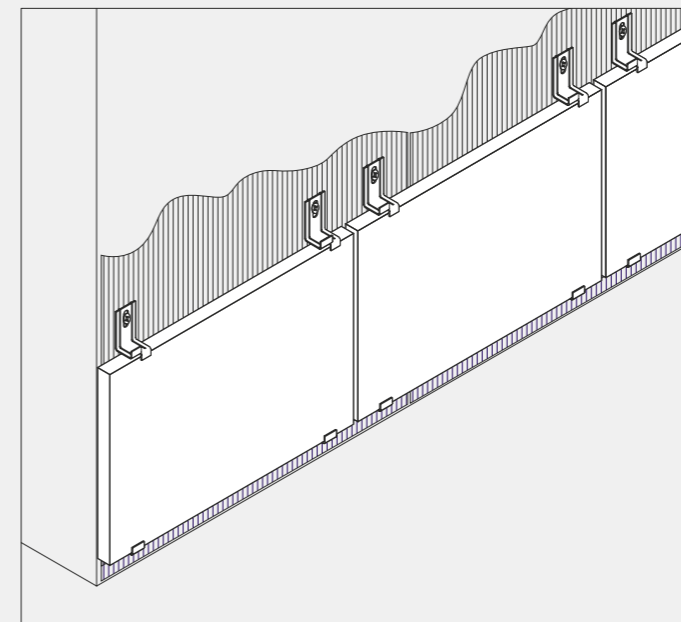
1° Measure and assemble the start anchors

We use Start Clamps placed flush as the basis for all the slabs in the lower part. Exposing the slab, we measure the position of the top clamps, where we will use the Intermediate Clamp.



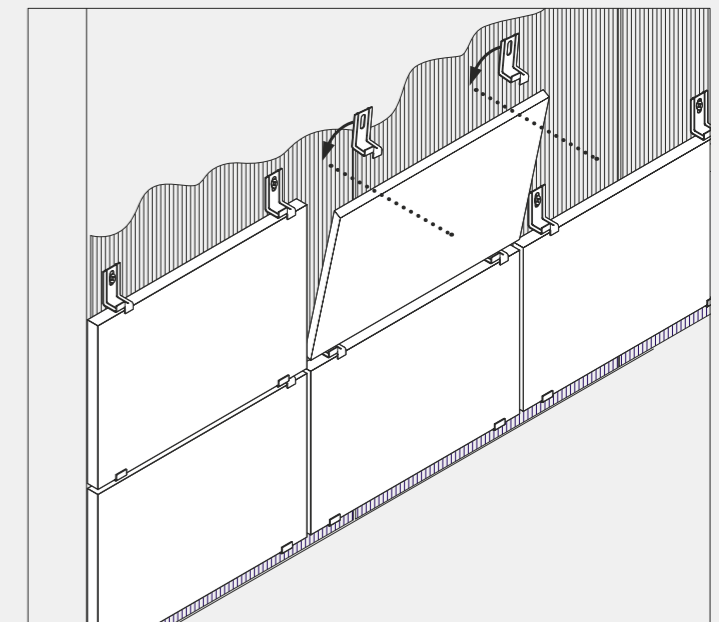
2° Glue the part and fasten it with intermediate anchors

Once the spot where the anchors are to be installed, drill the wall for the plug and the screw. Glue the area and screw the Intermediate Clamps with the slab in place.



3° Complete the lower row fully

Follow the same installation process for all the slabs in the lower part. The Intermediate Clamp fastens the lower slabs and leaves a gripping point for the upper ones.



4° Repeat the process with intermediate anchors

Move to the second row of the façade and repeat the same steps, this time only with the Intermediate Clamp.

Order your colour

We offer an optional service for lacquering exposed clamps. In this way we greatly improve the final finish of the façade as the unwanted vision of clamps on many façades, because of tones and reflections, is eliminated.

Choose the color that better matches your façade and ask for it when placing your order.

Special colours consult
+34 966 550 514.



RAL 9010

RAL 1013

RAL 7012

RAL 9005

Stainless steel

All our façade anchors are made with STAINLESS steel, so their durability is almost endless under any working condition. Considering that the anchors have to guarantee the safety and resist heavy loads, a material is required that does not allow for failures, so the choice of this type of steel is crucial.

Establish the resistance to the horizontal and vertical force of anchoring clamps in the cladding façade.

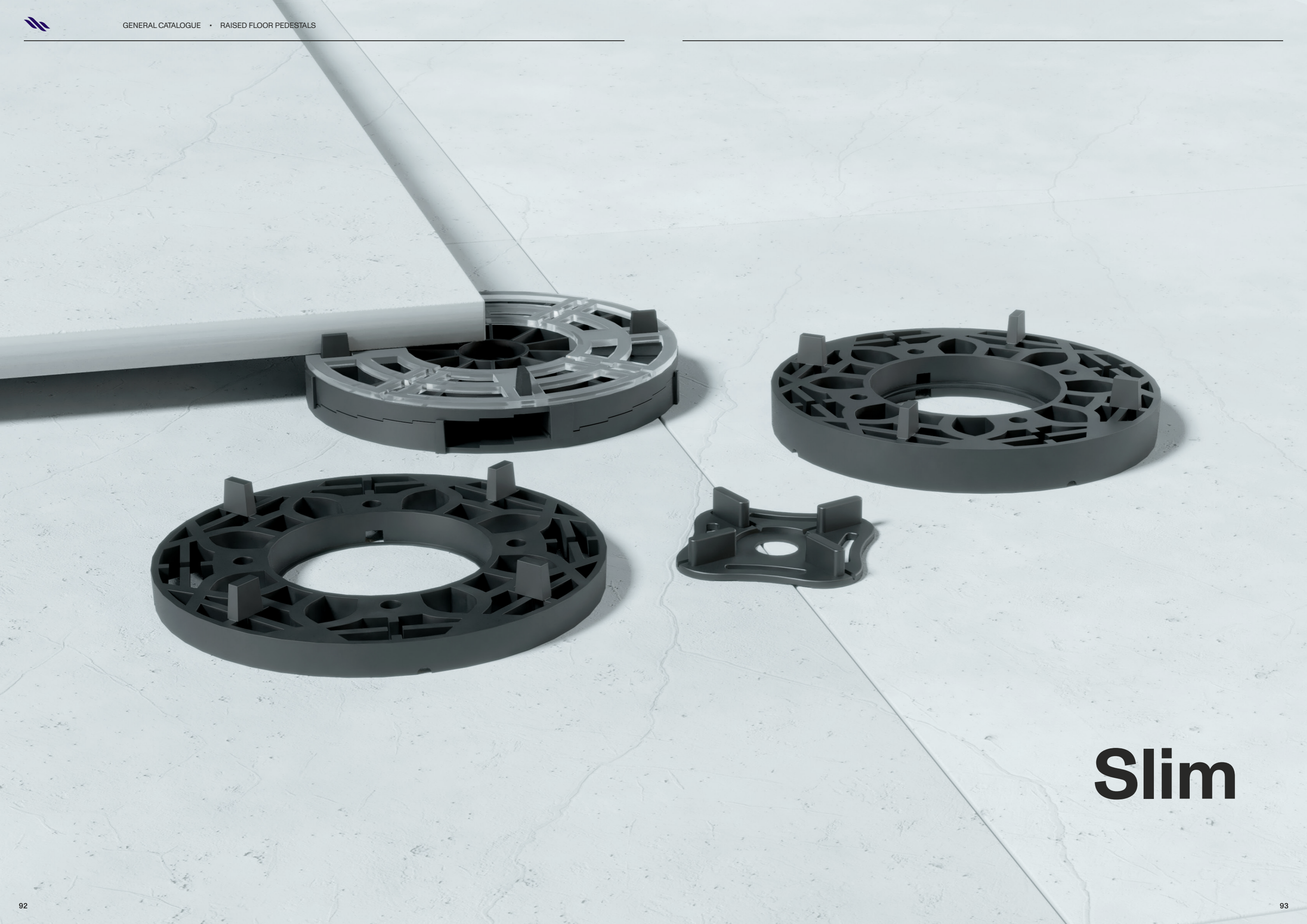
FAÇADE ANCHORS TESTING		VERTICAL LOAD RESISTANCE			HORIZONTAL LOAD RESISTANCE (WIND)		
		Average value	STD Deviation	F _{u,5}	Average value	STD Deviation	F _{u,5}
03050120E Start Clamp 10	Maximum load before permanent deformation 1 mm [N]	179	9	158	64	5	53
	Load for maximum deformation [N]	195	6	182	89	7	73
03051120E Intermediate Clamp 10	Maximum load before permanent deformation 1 mm [N]	373	18	332	128	7	110
	Load for maximum deformation [N]	413	14	380	134	25	70
03052101E Omega Clamp 10	Maximum load before permanent deformation 1 mm [N]	259	17	219	Note 1	Note 1	Note 1
	Load for maximum deformation [N]	270	13	240	300	45	195
03050220E Start Clamp 12	Maximum load before permanent deformation 1 mm [N]	153	4	144	77	2	71
	Load for maximum deformation [N]	171	8	152	98	5,4	86
03051220E Intermediate Clamp 12	Maximum load before permanent deformation 1 mm [N]	247	5	260	134	7	118
	Load for maximum deformation [N]	315	5	304	167	10	144
03050020E Start Clamp 15	Maximum load before permanent deformation 1 mm [N]	110	5	99	93	4	83
	Load for maximum deformation [N]	130	6	115	115	4	106
03051020E Intermediate Clamp 15	Maximum load before permanent deformation 1 mm [N]	247	10	223	201	15	165
	Load for maximum deformation [N]	268	12	241	237	20	190
03052001E Omega Clamp 15	Maximum load before permanent deformation 1 mm [N]	113	11	88	Note 1	Note 1	Note 1
	Load for maximum deformation [N]	123	10	101	312	30	243

Note 1: No permanent deformations greater than 1 mm appeared before reaching the maximum load.

F_{u,5}: Usual strength with a 75% confidence that 95% of the test results will be greater than this value.

STD Deviation: Standard deviation

03053001B Clip Clamp 6 mm	Load for maximum deformation [N]	1240	191	88	-	-	-
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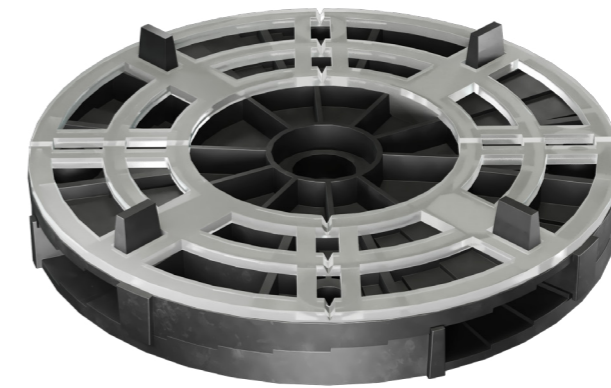
Slim

Slim

For tight installations



Slim



Spacer Slab
50 units



Slim Pedestal
12 - 20 mm



Slim Pedestal
10 mm



Slim Pedestal
15 mm

REF.	ARTICLE	P A C K I N G			
03030101B	Spacer Slab 50 units	45	582x400x385	20,80	8425402089958
03040002A	Slim Pedestal 12 - 20 mm 1 unit	186	395x295x450	18,38	8436585252725
03040000A	Slim Pedestal 10 mm 1 unit	258	395x295x450	15,06	8436585250011
03040001A	Slim Pedestal 15 mm 1 unit	174	395x295x450	15,34	8436585250028

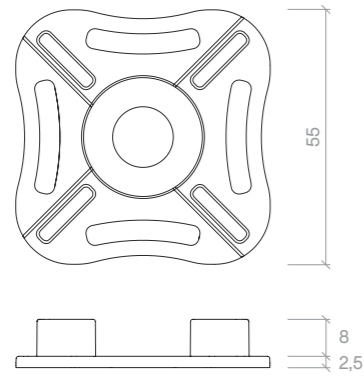


Slim Pedestal 12 - 20 mm

We present a new support model, adjustable in height for margins between 12 and 20mm. They fit together to achieve the desired height. It is compatible with fixed supports, the pad and with the adjustable pedestal of the SP range. It has 4mm joint flanges. Compatible with the Joist Clip for installations with Aluminium Joist.

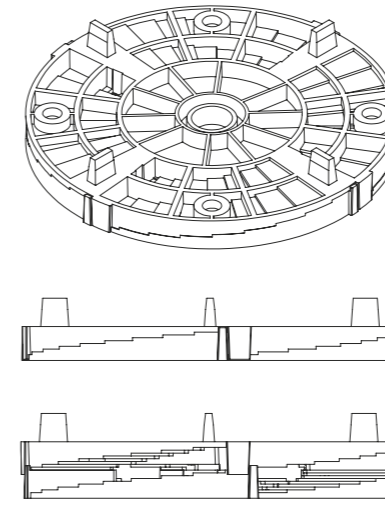
Slim fixed pedestals

Non-adjustable Pedestals are 2,5, 10 and 15 mm. The models 10 and 15 can be fitted to each other to reach the height wanted. Compatible with pads and adjustable Pedestals. Resistance over 4.000kg (40 kN).



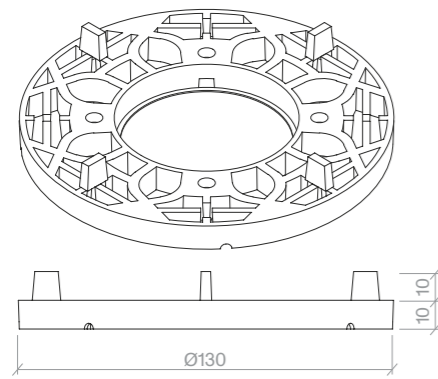
Spacer Slab 2,5 mm

- 2,5 mm Height
- 68 mm Diameter
- 8 g Weight
- 4 mm Distance between tiles



Slim Pedestal 12 - 20 12 - 20 mm

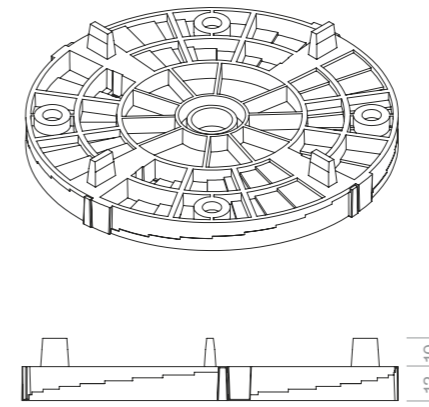
- 12 mm Minimum height
- 20 mm Maximum height
- 130 mm Diameter
- 95 g Weight
- 50 kN Central maximum load¹ [kN]
- 15,5 kN Maximum load¹ [kN] on 1/2
- 40 a 65 C° Usage temperature
- 4 mm Distance between tiles
- 0% Screw pitch



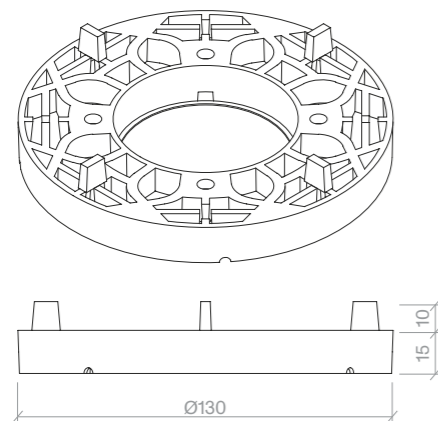
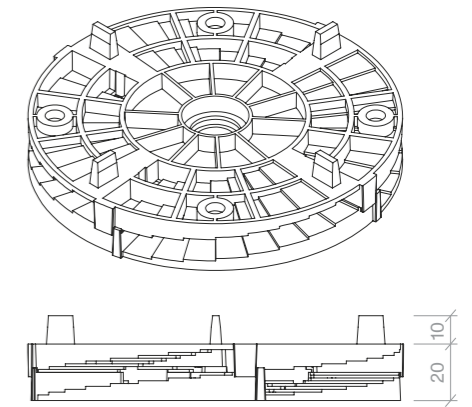
Slim Pedestal 10 mm

- 10 mm Height
- 130 mm Diameter
- 55 g Weight
- >40 kN Central maximum load¹ [kN]
- 29 kN Maximum load¹ [kN] on 1/2
- 40 a 65 C° Usage temperature
- 4 mm Distance between tiles
- 0% Screw pitch

CLOSED 12 mm



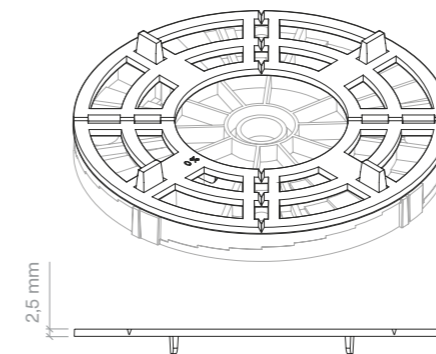
OPENED 20 mm



Slim Pedestal 15 mm

- 15 mm Height
- 130 mm Diameter
- 86 g Weight
- >40 kN Central maximum load¹ [kN]
- 31 kN Maximum load¹ [kN] on 1/2
- 40 a 65 C° Usage temperature
- 4 mm Distance between tiles
- 0% Screw pitch

According to standard UN-EN12825, it is recommended to apply a safety coefficient of 2 for private use and 3 for public use.



Pad SP

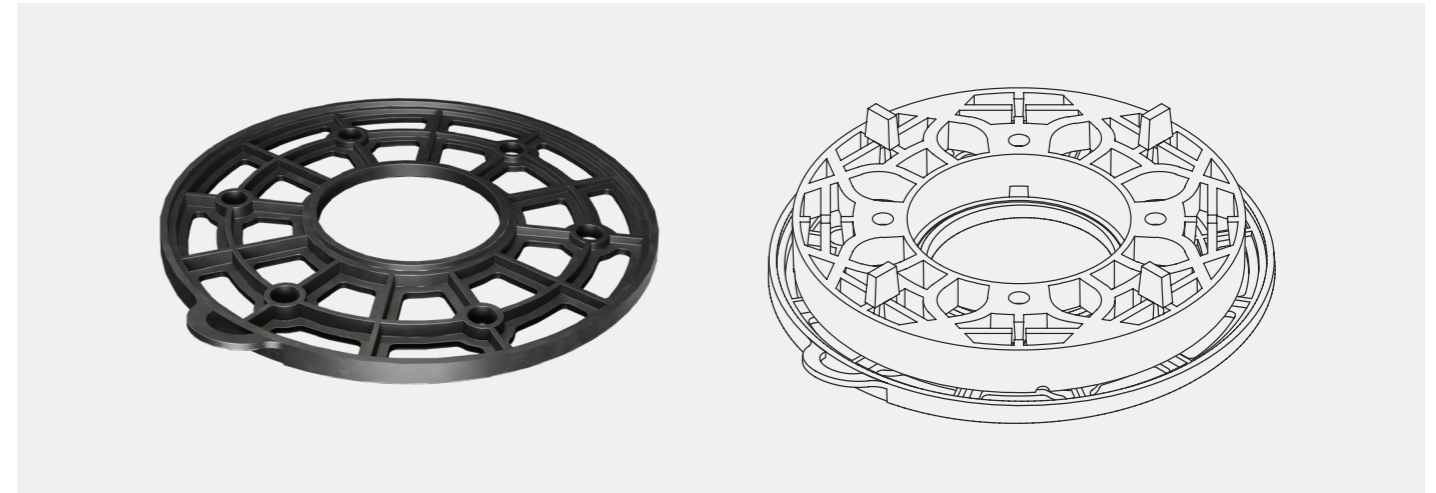
- 2,5 mm Height
- 130 mm Diameter
- 12,6 g Weight

The pad increases the total height by 2.5 mm

Regulator Slope 2,5%



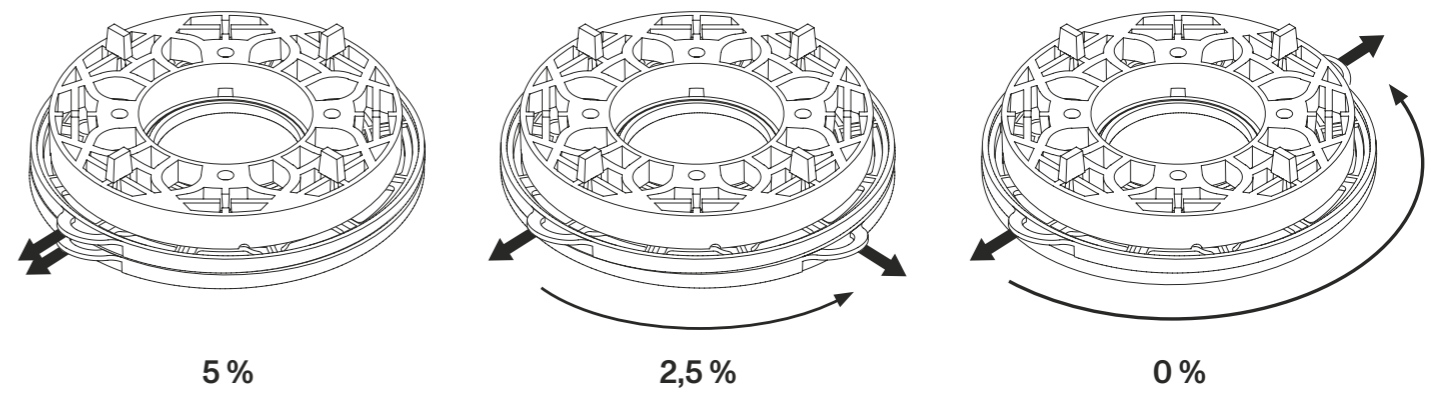
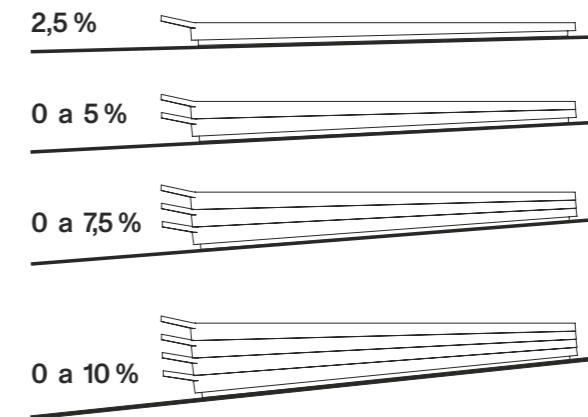
Regulator Slope 2,5%



The Slope Regulator keeps the plot perfectly level on slopes, preventing any lippage between tiles.

Compatible with Slim Pedestals and with BSP pedestals.

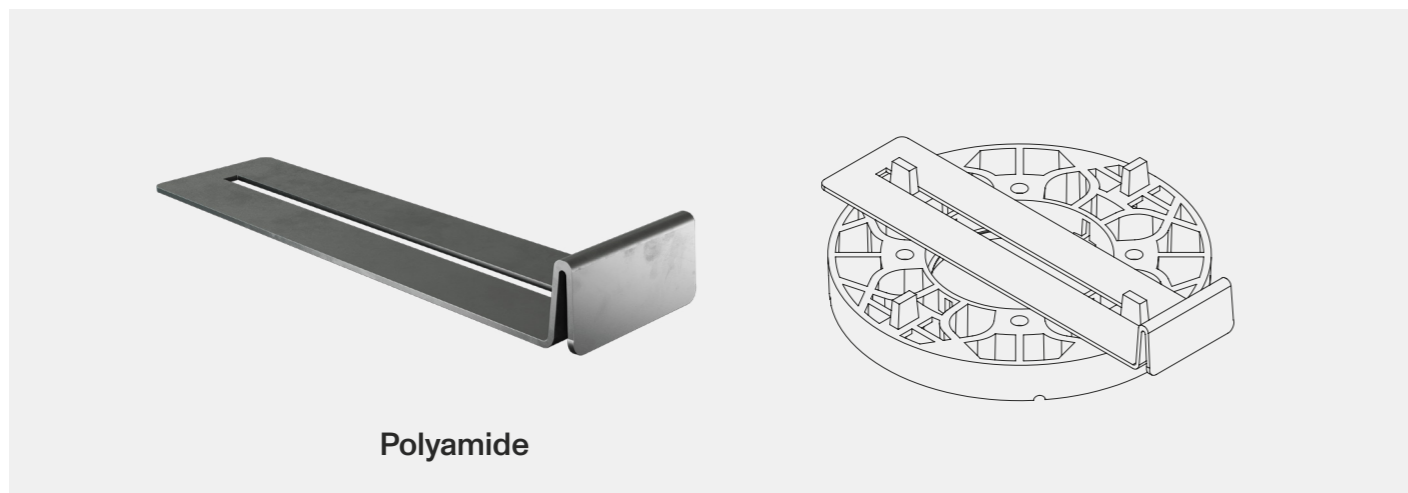
The Regulator is a circular wedge with a 2.5% incline. It is attached to the base of the pedestals and up to 4 Regulators can be combined to offset slopes of up to 10%. It can be used together with the tilting head in installations with a slope greater than 3%.



REF.	ARTICLE
03181810Z	Accesorios PE. Regulator Slope 2,5% BSP 1 unit

PACKING			
-	395x295x450	-	8436585254460

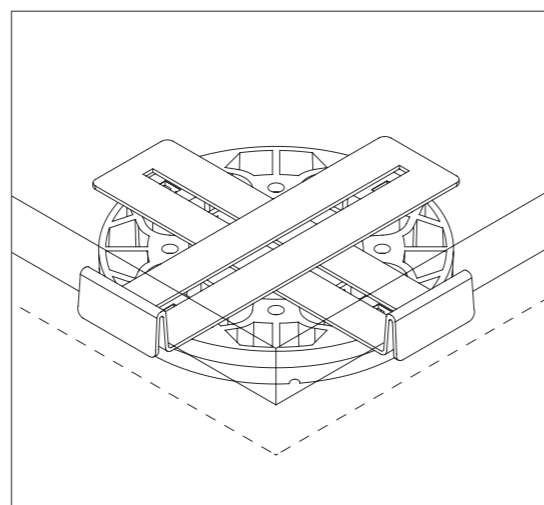
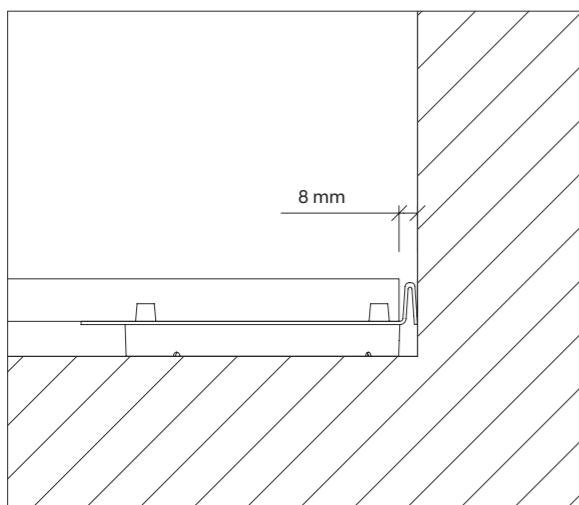
Junta Perimetral PA



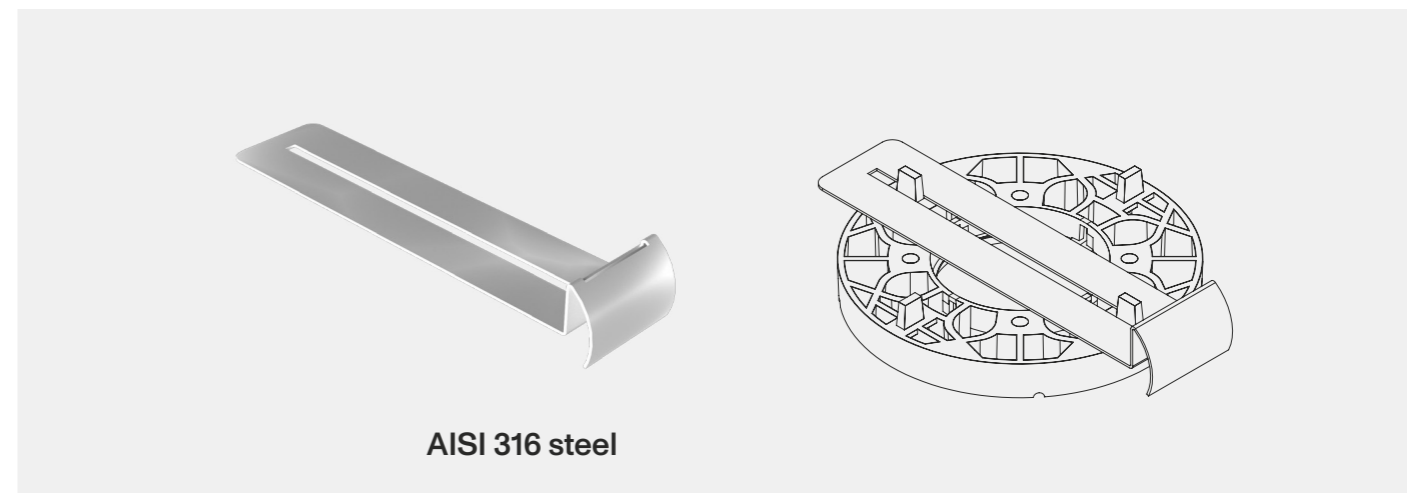
Polyamide

This allows you to create edge joints, preventing the tiles from moving freely but allowing space for deformations due to expansion.

Its use is recommended when installing panels with lengths of 5 metres or less.



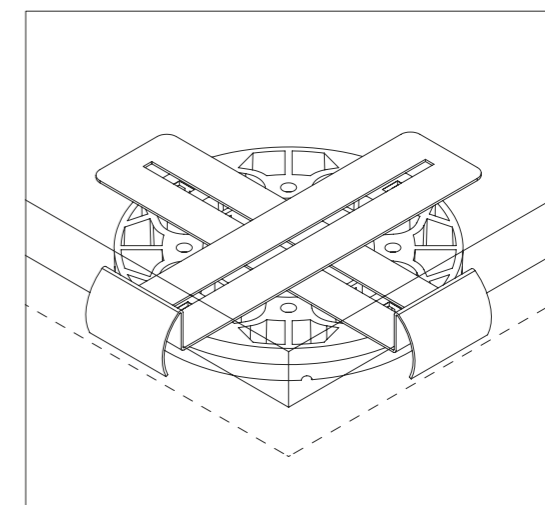
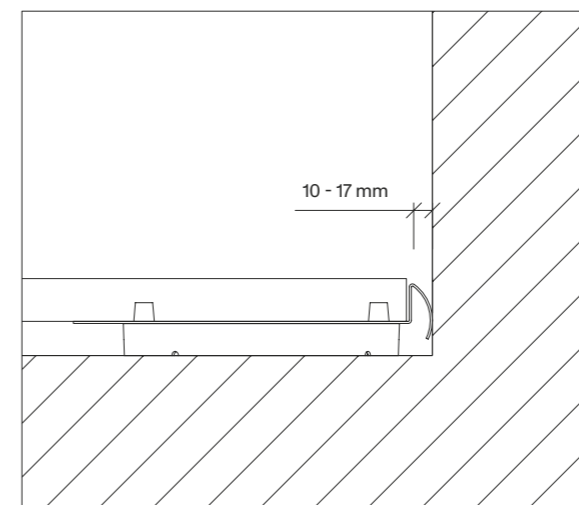
Dilator Perimeter INOX



AISI 316 steel

This allows you to create edge expansion joints, preventing the tiles from moving freely but allowing space for deformations due to expansion.

It can be used in all installations but this model is recommended for installations where the length of the panel is more than 5 metres.

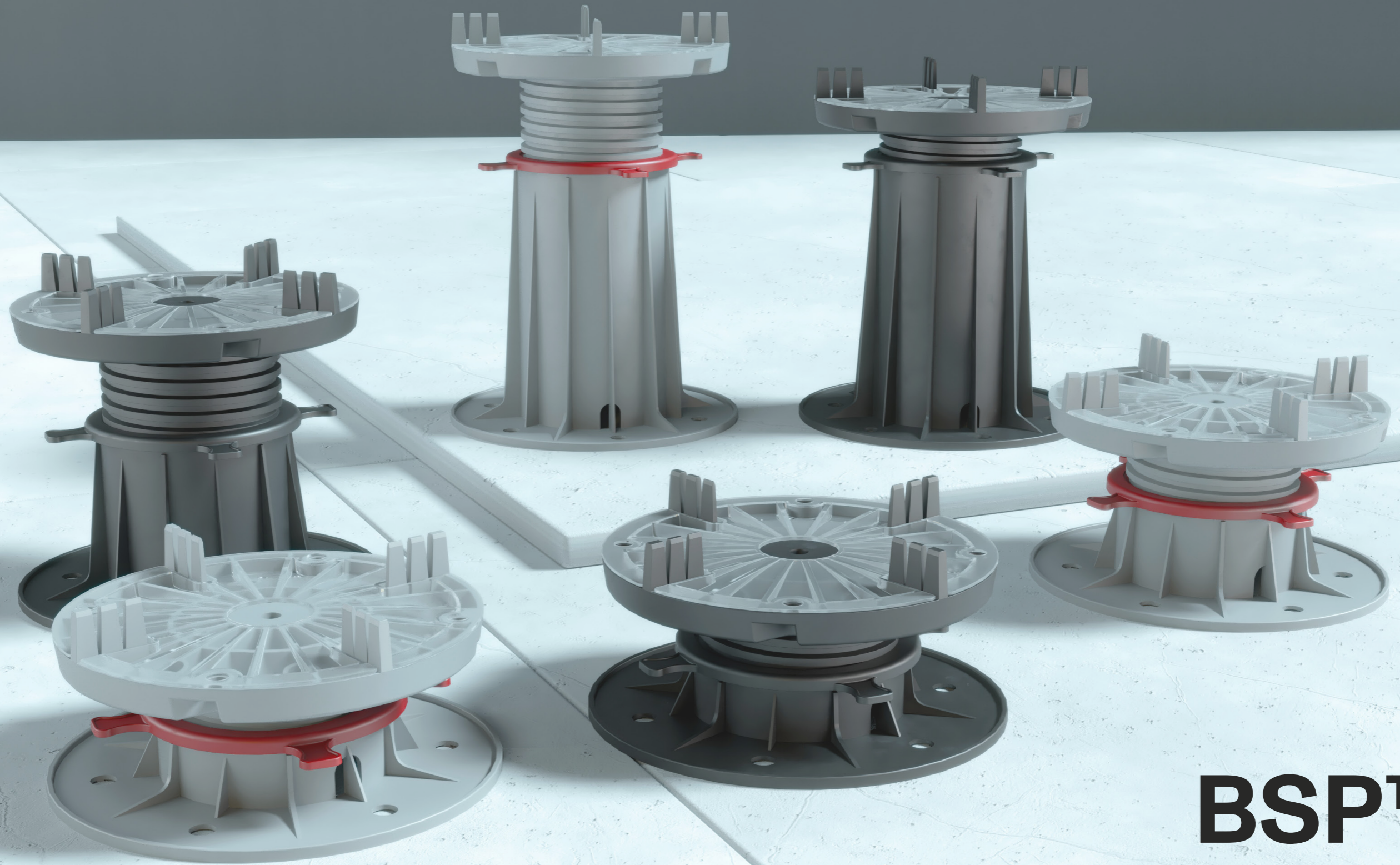


REF.	ARTICLE
03181811A	Accesorios PE. Joint Perimeter 10 units

PACKING				
Quantity	Dimensions (mm)	Weight (kg)	Barcode	
38	395x295x450	11,58	8436585254187	

REF.	ARTICLE
03040133Z	Accesorios PE. Dilator Perimeter INOX 1 unit

PACKING				
Quantity	Dimensions (mm)	Weight (kg)	Barcode	
250	395x295x450	14,93	8436585251599	



BSP™

**Raised floor
pedestals**

BSP™

Adaptable to any situation



A single product, numerous accessories.

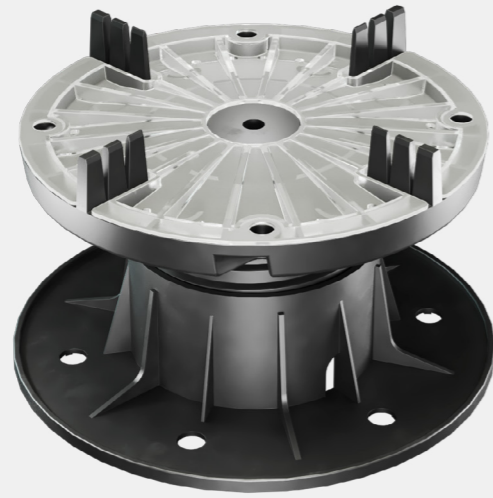
Peygran outdoor support plots are ideal for projects in which a floating, elevated, raised or access floor has to be used.

They are the best alternative to traditional construction methods for this type of project, reducing the weight and removing architectural barriers.

They provide high quality finishes, reducing labour and facilitating subsequent maintenance of the installations.



BSP™



BSP1

35 - 50 mm

BSP2

50 - 80 mm

BSP3

80 - 140 mm

BSP4

140 - 255 mm



Adaptable to any situation

The main advantage of our plot is its versatility when it comes to planning and installing a project. The BSP range has countless accessories to customise your installation according to your needs.

Wide range of heights

Ranging from 34 mm for the lowest model (BSP1) to 655 mm for BSP4 + 4 extensions. Peygran's BSP support plots are the right solution for your raised floor project, and can be adapted to any requirements.

Extendible height

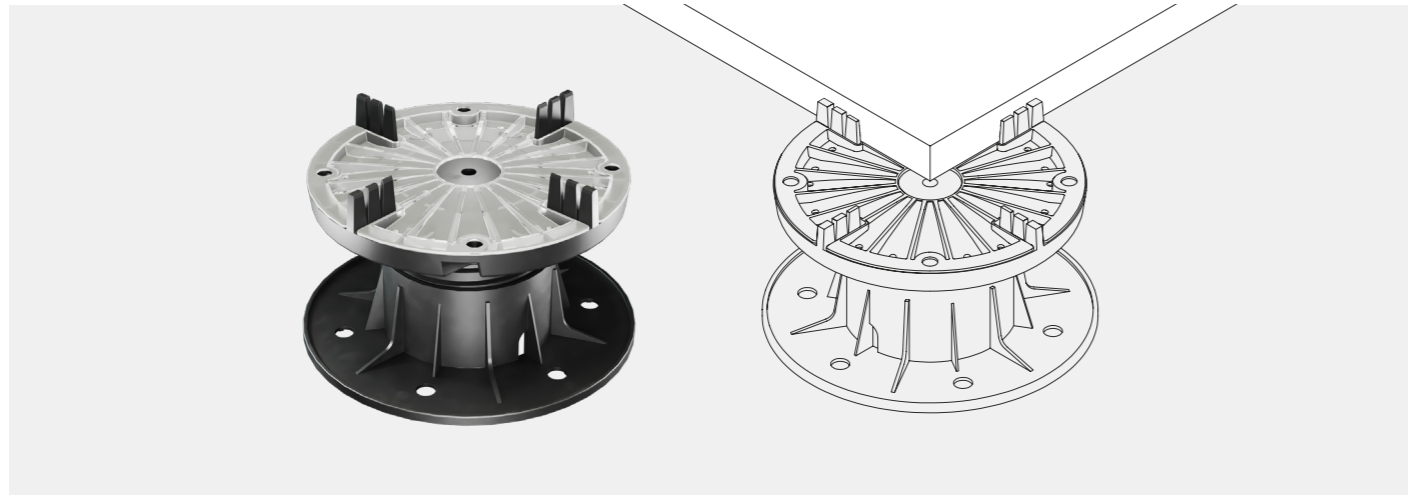
The design of the BSP4 allows its height to be increased by inserting up to 4 extensions, increasing by 100 mm with each extension.

Tabs of 4, 3 or 2 mm

All BSP models have three tab thicknesses available to generate different joint widths. By default, it generates 4 mm joints.



BSP™

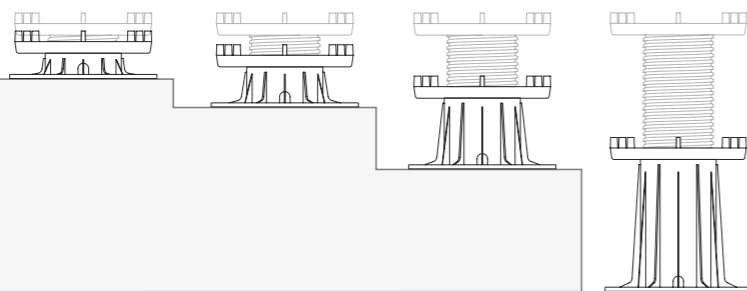


Highly durable and versatile for installation. It meets the essential requirements for installations. It has a wide range of heights, from 35 to 255 mm, which can be increased using extensions.

Its wide variety of accessories makes it highly versatile for every installation or project need. It can be used together with additional fixed supports if required.



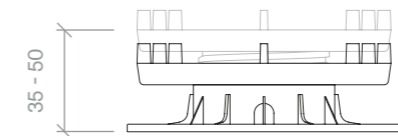
BSP1 35 - 50 mm **BSP2** 50 - 80 mm **BSP3** 80 - 140 mm **BSP4** 140 - 255 mm



REF.	ARTICLE	PACKING			
03140001Z	BSP1 Pedestal 35 - 50 mm 1 unit	107	582×400×385	14,56	8436585254057
03140002Z	BSP 2 Pedestal 50 - 80 mm 1 unit	72	582×400×385	12,24	8436585254064
03140003Z	BSP 3 Pedestal 80 - 140 mm 1 unit	48	582×400×385	10,44	8436585254071
03140004Z	BSP 4 Pedestal 140 - 255 mm 1 ud	36	582×400×385	11,20	8436585254088

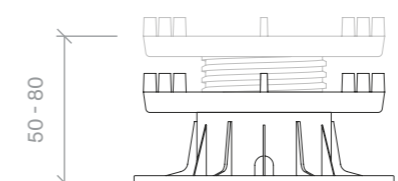
Ultimate compressive load limit: Values based on tests with a Locknut performed by AUJ, in accordance with UNE-EN 12825:2002, section 5.3.1. Tests with and without a Locknut are available upon request. According to the UN-EN 12825 standard, a safety factor of 2 is recommended for private use and 3 for public use.

Tol: + - 1mm



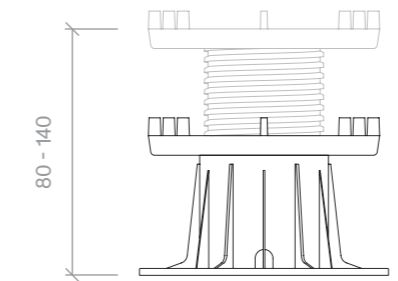
- BSP1**
- 35 mm Minimum height (without locknut)
 - 40 mm Minimum height (with locknut)
 - 50 mm Maximum height
 - 130 mm Upper diameter
 - 140 mm Lower diameter
 - 128 g Weight
 - 8,14 kN Central maximum load¹ [kN]
 - 5,40 kN Maximum load¹ [kN] on 1/2
 - 40° to 65° C° Usage temperature
 - 4/3/2 mm Distance between tiles
 - 6 mm Screw pitch

Tol: + - 1mm



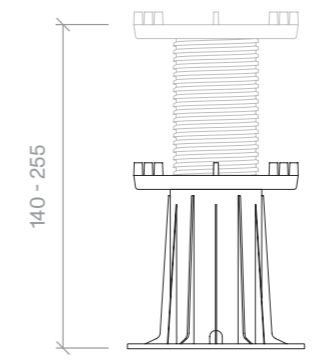
- BSP2**
- 50 mm Minimum height (without locknut)
 - 55 mm Minimum height (with locknut)
 - 80 mm Maximum height
 - 130 mm Upper diameter
 - 140 mm Lower diameter
 - 150 g Weight
 - 8,24 kN Central maximum load¹ [kN]
 - 5,49 kN Maximum load¹ [kN] on 1/2
 - 40° to 65° C° Usage temperature
 - 4/3/2 mm Distance between tiles
 - 6 mm Screw pitch

Tol: + - 1mm



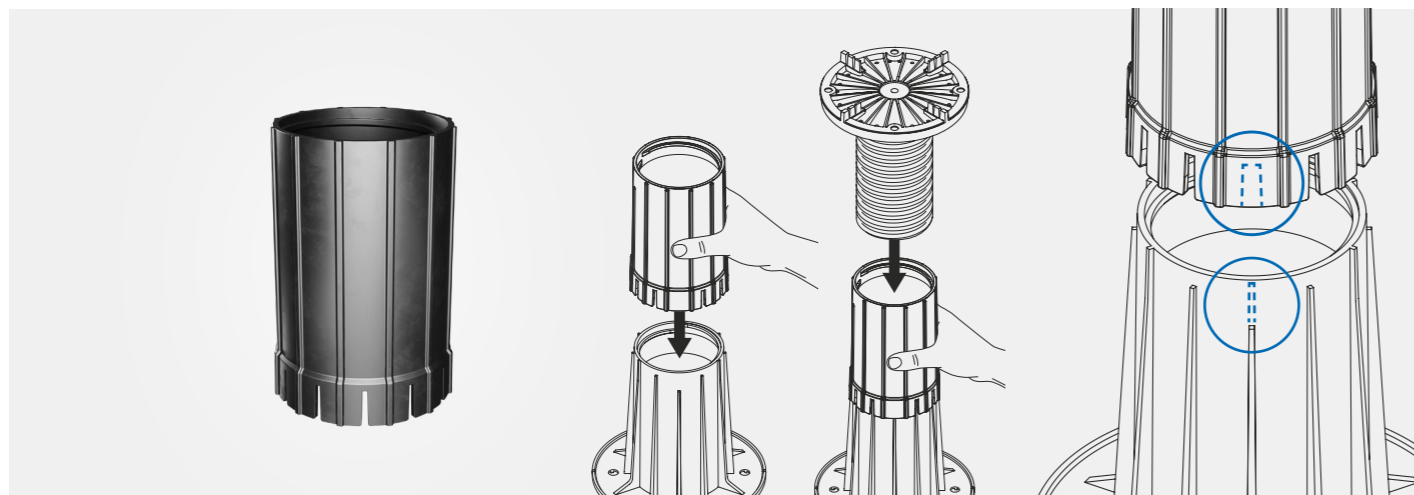
- BSP3**
- 80 mm Minimum height (without locknut)
 - 85 mm Minimum height (with locknut)
 - 140 mm Maximum height
 - 130 mm Upper diameter
 - 140 mm Lower diameter
 - 194 g Weight
 - 7,84 kN Central maximum load¹ [kN]
 - 5,04 kN Maximum load¹ [kN] on 1/2
 - 40° to 65° C° Usage temperature
 - 4/3/2 mm Distance between tiles
 - 6 mm Screw pitch

Tol: + - 1mm



- BSP4**
- 140 mm Minimum height (without locknut)
 - 145 mm Minimum height (with locknut)
 - 255 mm Maximum height
 - 130 mm Upper diameter
 - 140 mm Lower diameter
 - 287 g Weight
 - 8,17 kN Central maximum load¹ [kN]
 - 6,26 kN Maximum load¹ [kN] on 1/2
 - 40° to 65° C° Usage temperature
 - 4/3/2 mm Distance between tiles
 - 6 mm Screw pitch

Bushing 100 mm 55 units



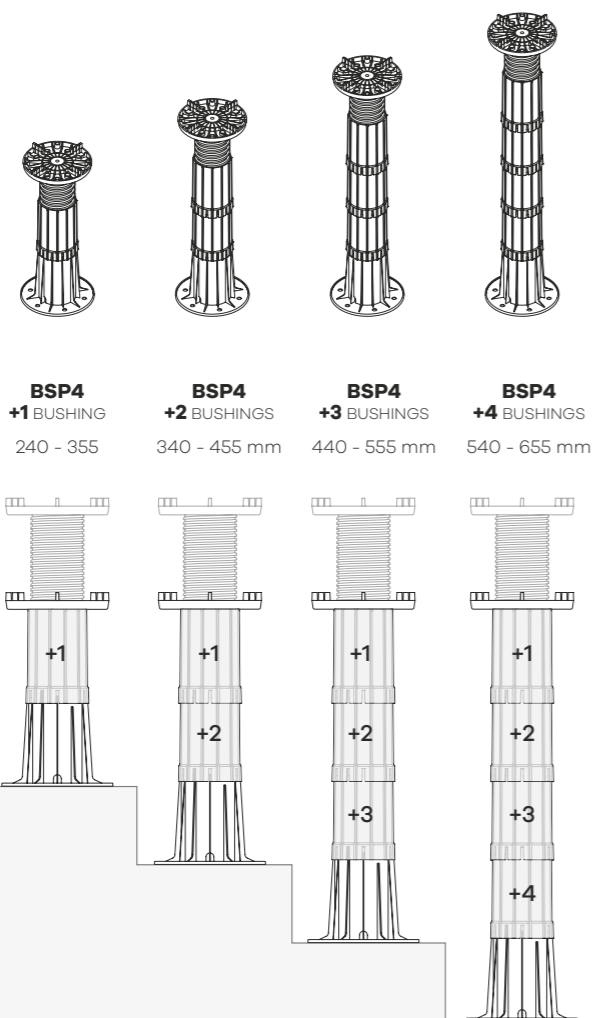
Accessory to raise adjustable support plots by 100 mm. They can be connected together and raised up to a height of 655 mm (BSP4 + extension(s)).

It should be installed with a joist substructure to ensure the stability of the assembly.

IMPORTANT!

The bushing has a series of grooves that fit with the ribs of the BSP base.

The correct installation of the bushing with the BSP base is done by aligning the two points indicated in the image.



BSP4 +1 BUSHING	BSP4 +2 BUSHINGS	BSP4 +3 BUSHINGS	BSP4 +4 BUSHINGS
240 - 355	340 - 455 mm	440 - 555 mm	540 - 655 mm

REF.	ARTICLE
03181402A	Accessories PE. Extension 100 mm 55 units

PACKING

1	395x295x450	5,38	8436585254095

Ultimate compressive load limit: Values based on tests with a Locknut performed by AUU, in accordance with UNE-EN 12825:2002, section 5.3.1. Tests with and without a Locknut are available upon request. According to the UN-EN 12825 standard, a safety factor of 2 is recommended for private use and 3 for public use.

Tol: + - 1mm



BSP4 + 1 Casquillo

240 mm	Minimum height (without locknut)
245 mm	Minimum height (with locknut)
355 mm	Maximum height
130 mm	Upper diameter
140 mm	Lower diameter
377 g	Weight
6,54 kN	Central maximum load ¹ [kN]
4,74 kN	Maximum load ¹ [kN] on 1/2
-40° to 65°C°	Usage temperature
4/3/2 mm	Distance between tiles
6 mm	Screw pitch

Tol: + - 1mm



BSP4 + 2 Casquillos

340 mm	Minimum height (without locknut)
345 mm	Minimum height (with locknut)
455 mm	Maximum height
130 mm	Upper diameter
140 mm	Lower diameter
467 g	Weight
6,4 kN	Central maximum load ¹ [kN]
5,18 kN	Maximum load ¹ [kN] on 1/2
-40° to 65°C°	Usage temperature
4/3/2 mm	Distance between tiles
6 mm	Screw pitch

Tol: + - 1mm



BSP4 + 3 Casquillos

440 mm	Minimum height (without locknut)
445 mm	Minimum height (with locknut)
555 mm	Maximum height
130 mm	Upper diameter
140 mm	Lower diameter
557 g	Weight
6,79 kN	Central maximum load ¹ [kN]
5,28 kN	Maximum load ¹ [kN] on 1/2
-40° to 65°C°	Usage temperature
4/3/2 mm	Distance between tiles
6 mm	Screw pitch

Tol: + - 1mm



BSP4 + 4 Casquillos

540 mm	Minimum height (without locknut)
545 mm	Minimum height (with locknut)
655 mm	Maximum height
130 mm	Upper diameter
140 mm	Lower diameter
647 g	Weight
6,66 kN	Central maximum load ¹ [kN]
5,18 kN	Maximum load ¹ [kN] on 1/2
-40° to 65°C°	Usage temperature
4/3/2 mm	Distance between tiles
6 mm	Screw pitch

Tilting Head from 0% to 3%

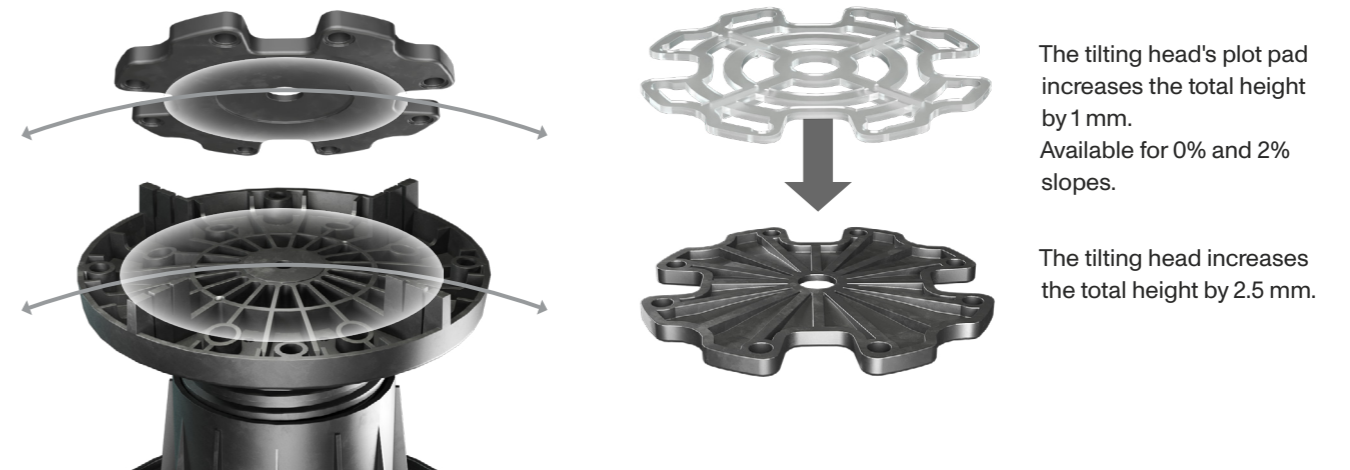
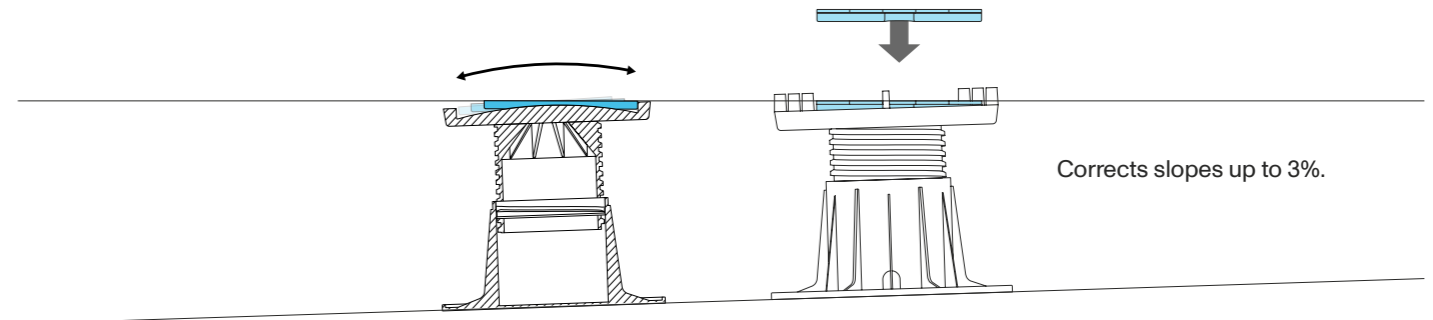


Tilting Head from 0% to 3%



The tilting head allows plots to be fully levelled on slopes of up to 3%. It has its own customised plot pad, with two versions for different slopes, one for 0% slopes and the other for 2% slopes, with a possible total incline of 5%. Compatible with fixed supports.

Not compatible with fixed plot pads. For installations on slopes greater than 5%, a slope regulator can also be added.

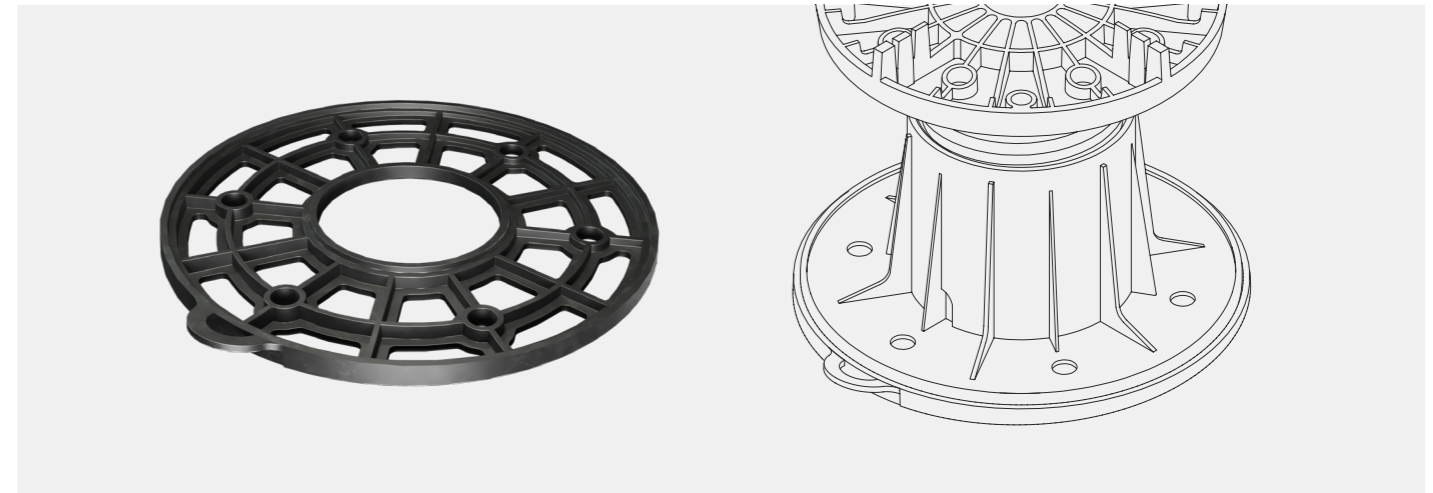


REF.	ARTICLE	PACKING			
03181806A	Accessories PE. Tilt Head 10 units	54	395×295×450	12,14	8436585254132
03181807A	Accessories PE. Pad Head Tilting 0% 10 units	100	395×295×450	6,22	8436585254149
03181808A	Accessories PE. Pad Head Tilting 2% 10 units	78	395×295×450	7,24	8436585254156

Regulator Slope 2,5%



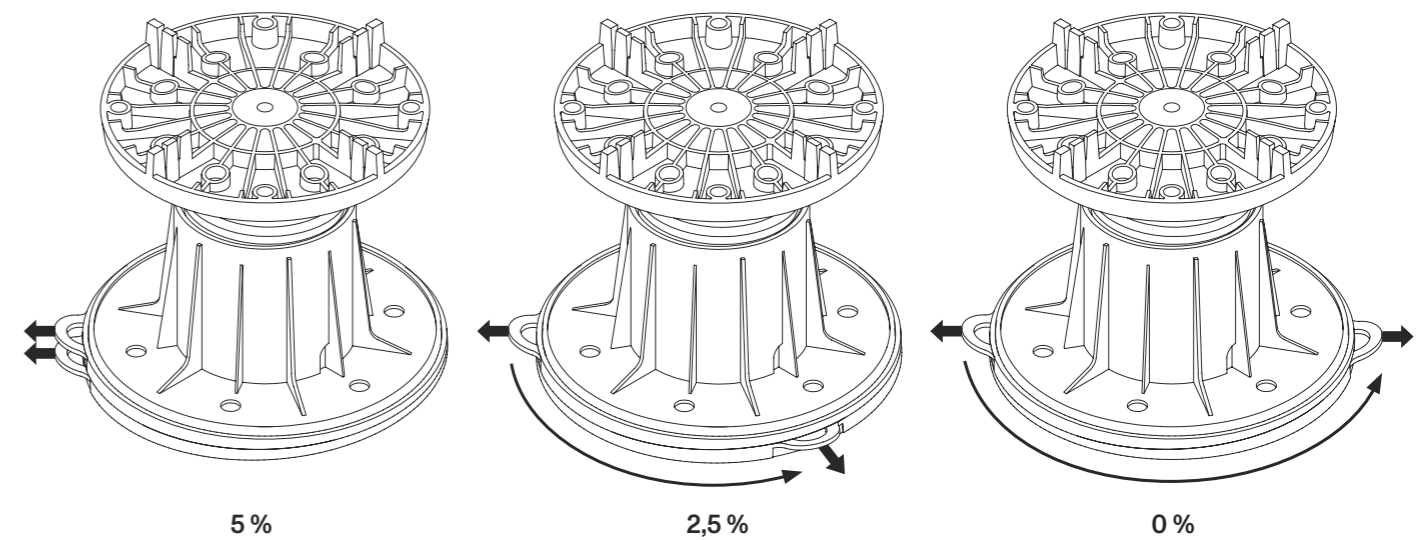
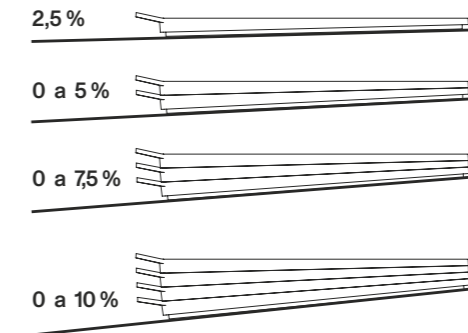
Regulator Slope 2,5%



The Slope Regulator keeps the plot perfectly level on slopes, preventing any lippage between tiles.

Compatible with Slim Pedestals and with BSP pedestals.

The Regulator is a circular wedge with a 2.5% incline. It is attached to the base of the pedestals and up to 4 Regulators can be combined to offset slopes of up to 10%. It can be used together with the tilting head in installations with a slope greater than 3%.



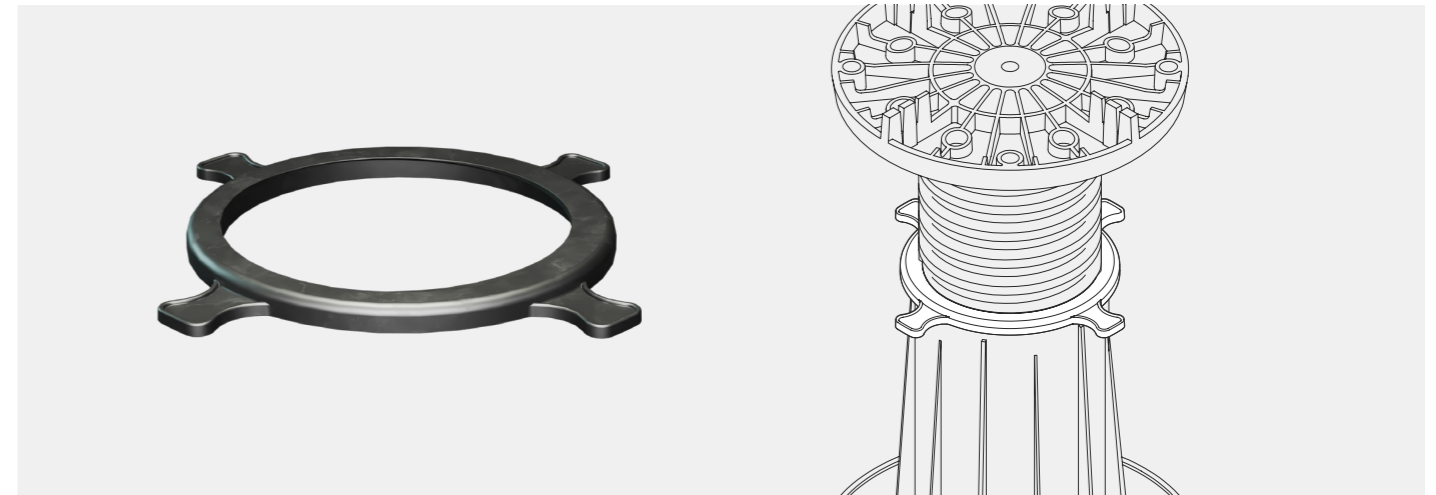
REF.	ARTICLE
03181810Z	Accesories PE. Regulator Slope 2,5% BSP 1 unit

P A C K I N G			
-	395x295x450	-	8436585254460

Locknut BSP

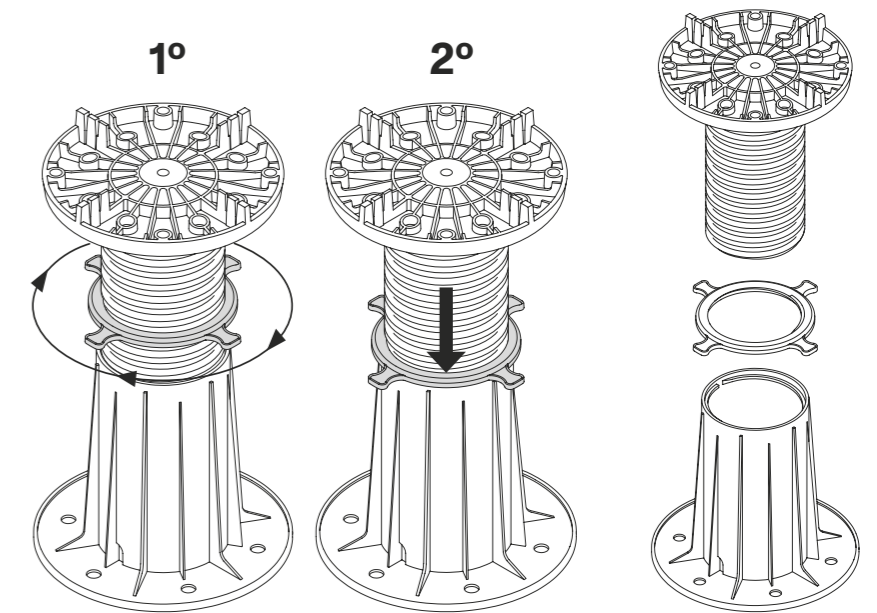
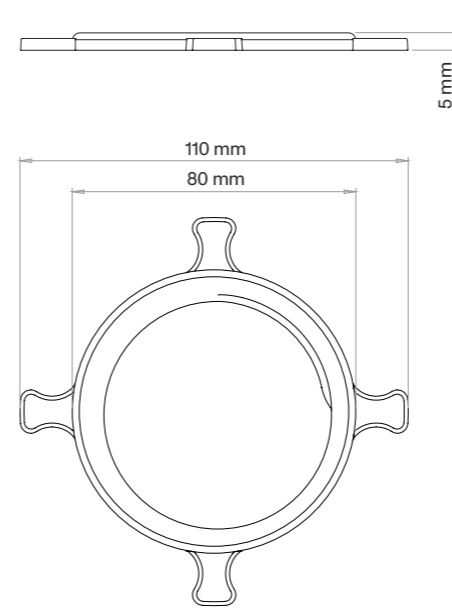


Locknut BSP



The locknut blocks the movement of the pedestal and prevents the head and base from turning freely. Its use reduces the frequency of maintenance due to height

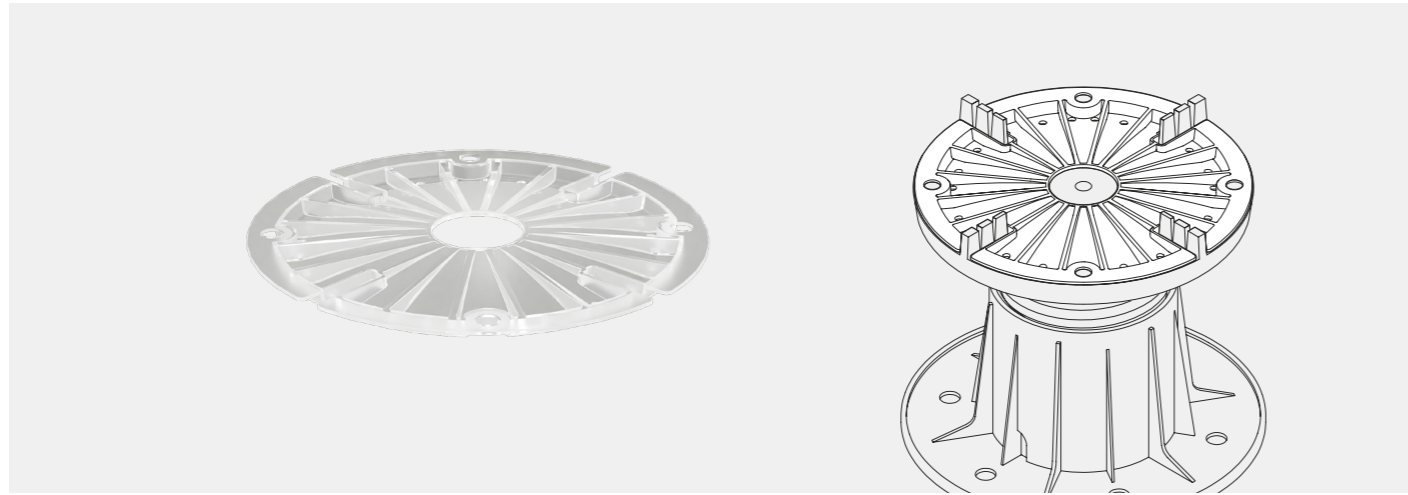
misalignment and increases the compressive strength of the pedestals. The minimum height is increased by 5 mm with the use of a locknut.



REF.	ARTICLE
03181813A	Accessories PE. Locknut 10 units

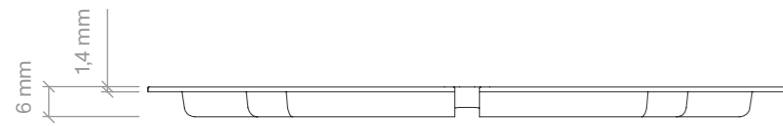
P A C K I N G			
100	582x400x385	11,00	8436585255269

Pad Fixed 10 units

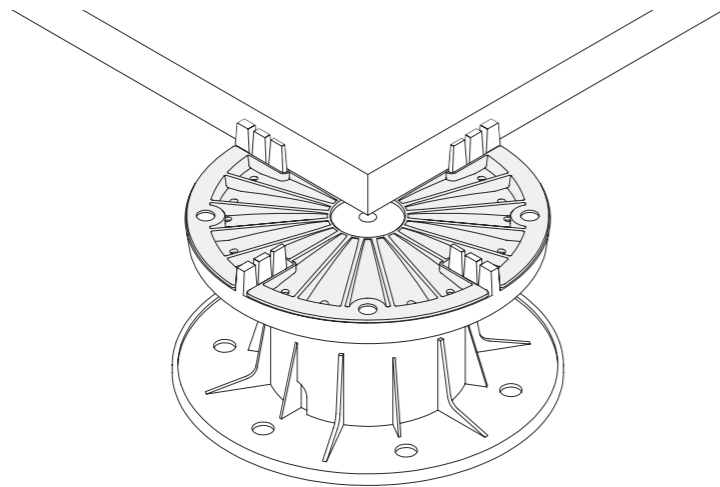


The BSP fixed plot pad provides extra support for the floor. It reduces tile slippage and further reduces impact noise and vibrations. Made of elastomer materials.

Not compatible with tilting heads.
Not compatible with BSP wooden joint anchors.
Not compatible with clip-on head attachments.



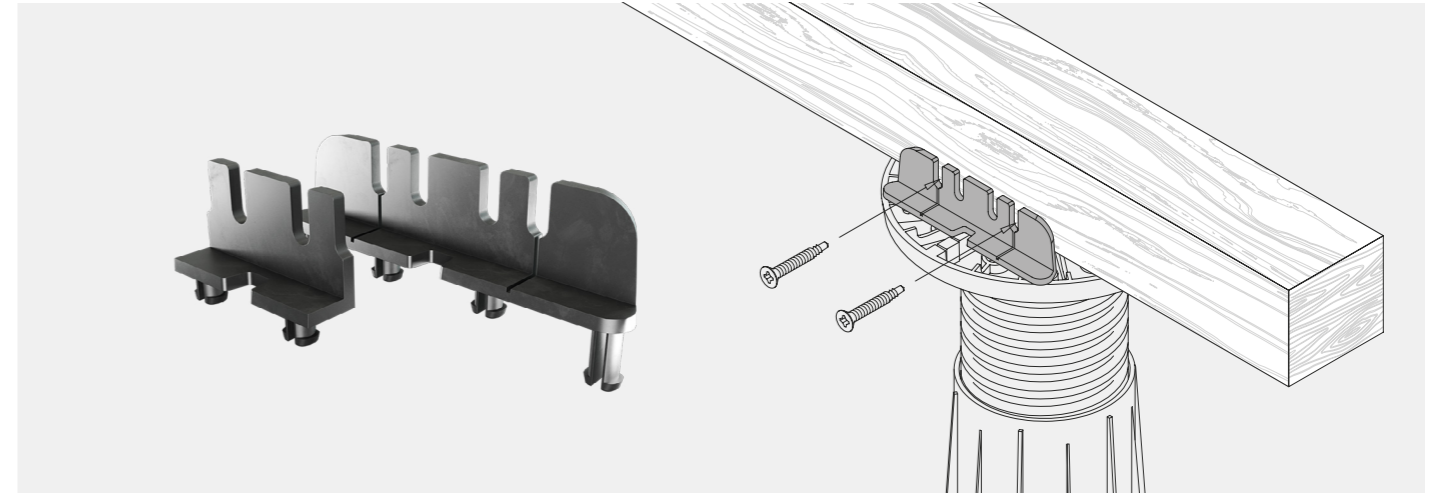
The plot pad increases the total height by 1.4 mm.



REF.	ARTICLE
03181805A	Accessories PE. Pad Fixed 10 units

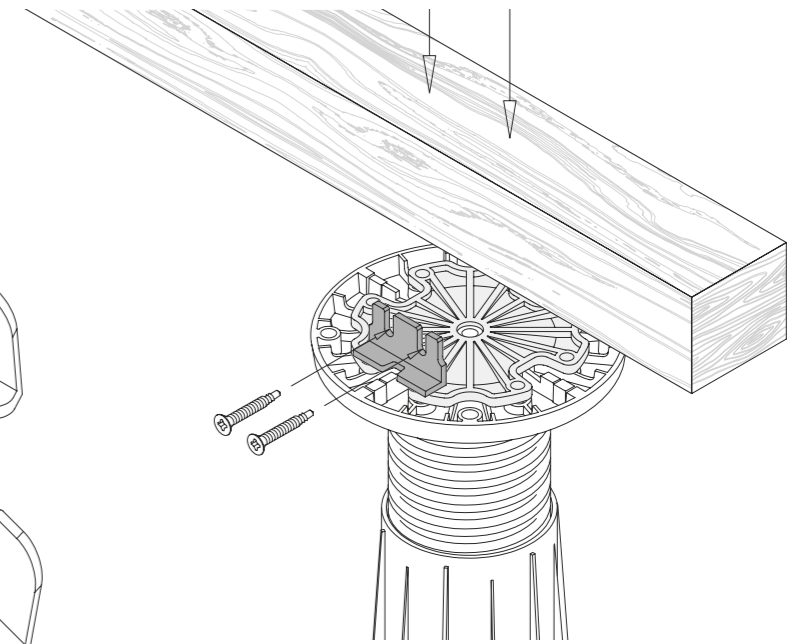
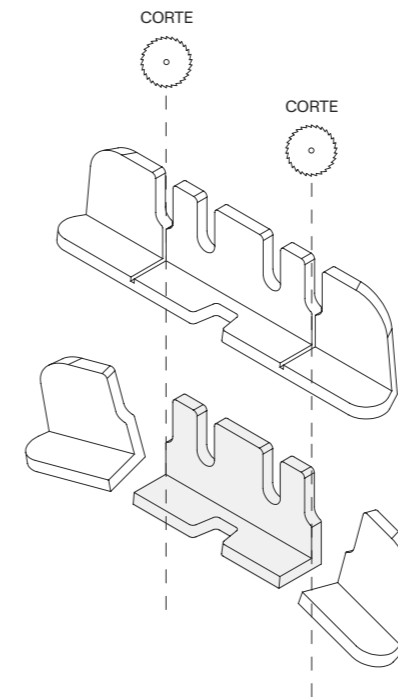
PACKING			
Icon	Quantity	Weight (kg)	Barcode
	420	7.92	8436585254125
	395x295x450		

Anchor Joist Wood 10 units



The BSP wooden joist anchor is clipped directly onto the top of the support plots. Designed for screwing wooden joists and support plots together. Specially designed for use with joists in floorboards. It can be split at both ends and clipped onto the

tilting head. Wooden floorboards are a visually pleasing solution for raised floors. The finish achieved creates a cosier atmosphere.

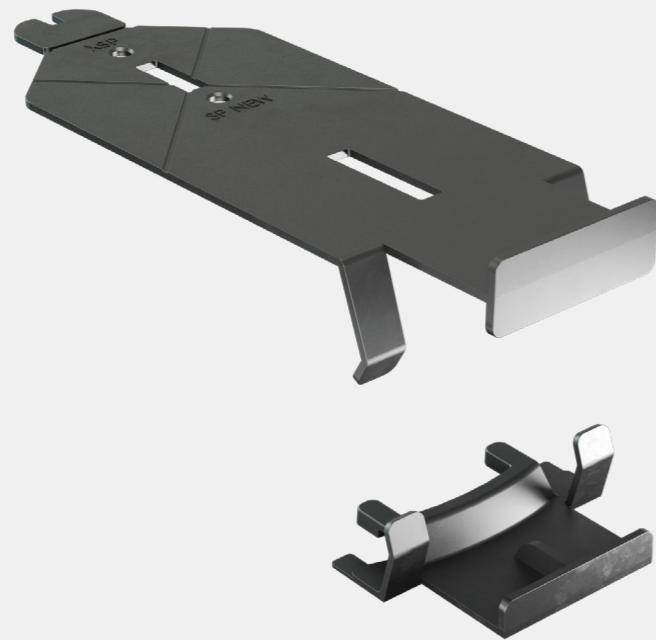


Compatible with the tilting head.

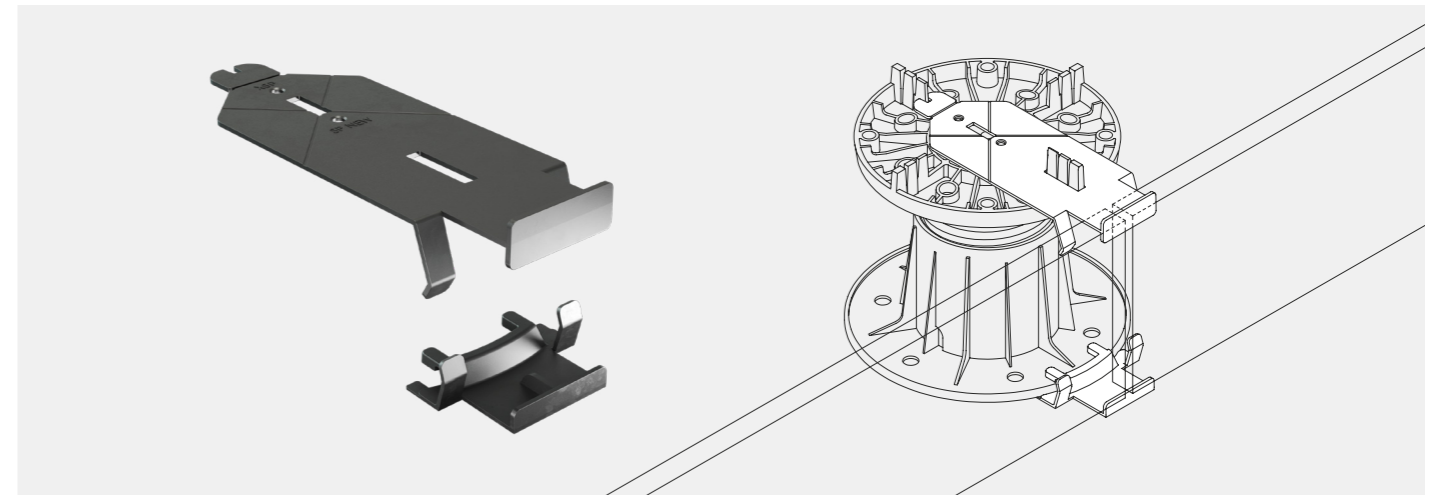
REF.	ARTICLE
03181809A	Accessories PE. Anchor Joist Wood 10 units

PACKING			
Icon	Quantity	Weight (kg)	Barcode
	1	-	8436585254163
	395x295x450		

Closing Vertical PA

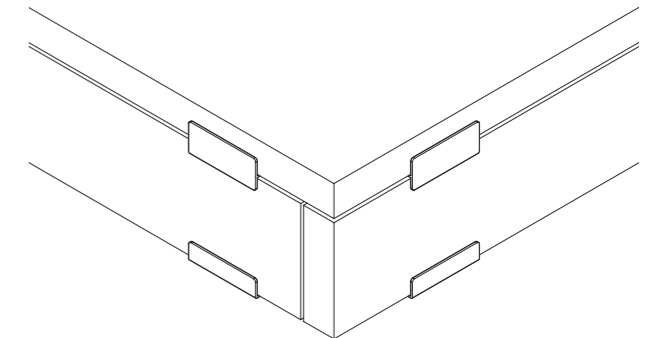
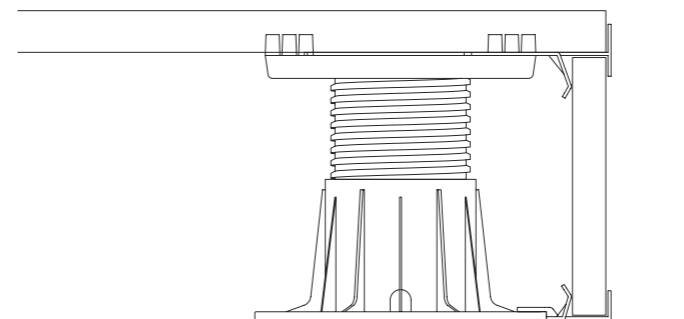
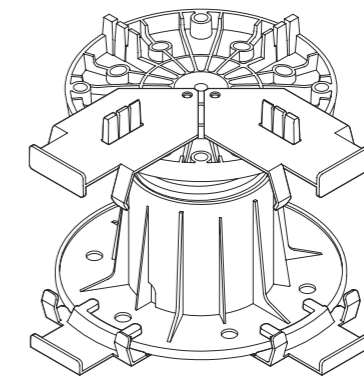
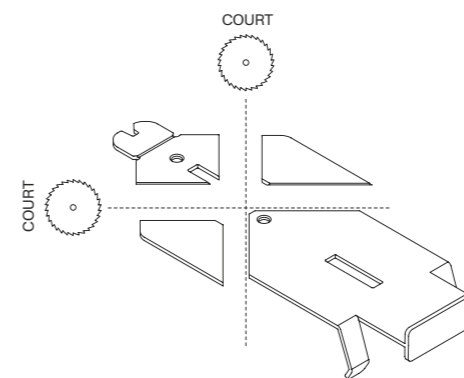


Closing Vertical PA



The Vertical Enclosure kit allows you to create a vertical panel or partition between the support base and the tiles. It is only compatible with tiles that are 18 - 20 mm thick. The Vertical Enclosure allows the tiles to be fixed in place, preventing them from moving sideways. The Vertical Enclosure's tiles and pedestals must be

supported on a stable base. Composed of two parts: upper clip and lower clip. Not compatible with the BSP slope regulator.



REF.	ARTICLE
03181804A	Accessories PE. Closing Vertical PA 10 units

PACKING			
1	395x295x450	-	843658525418

Joint Perimeter



Polyamide

This allows you to create edge joints, preventing the tiles from moving freely but allowing space for deformations due to expansion.

Its use is recommended when installing panels with lengths of 5 metres or less.

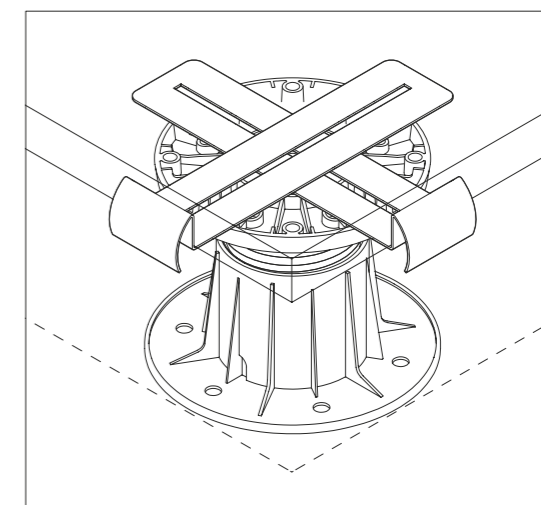
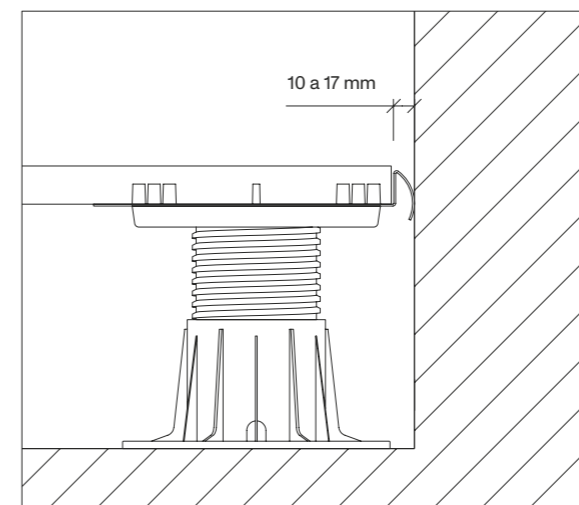
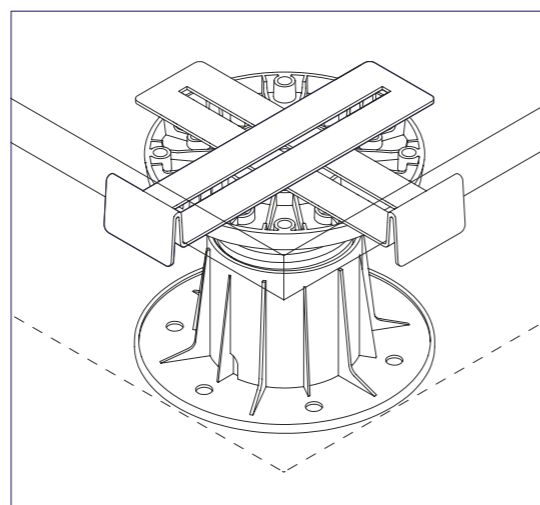
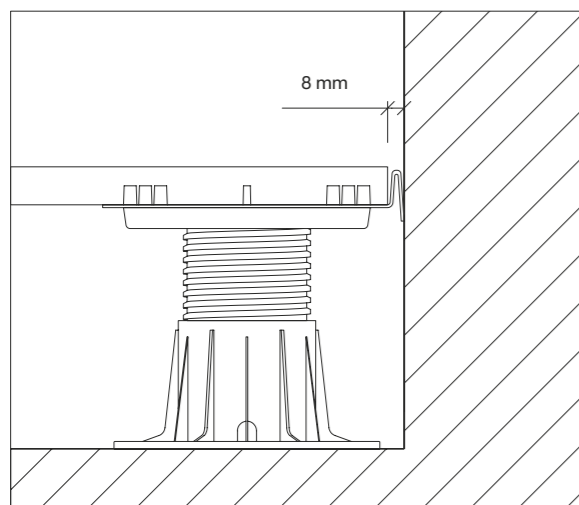
Dilator Perimeter INOX



AISI 316 steel

This allows you to create edge expansion joints, preventing the tiles from moving freely but allowing space for deformations due to expansion. It can be used in all installations but this model is recommended for installations

where the length of the panel is more than 5 metres.



REF.	ARTICLE
03181811A	Accessories PE. Joint Perimeter 10 units

PACKING			
Icon	Quantity	Weight (kg)	Barcode
	38	11,58	
	395x295x450		

REF.	ARTICLE
03040133Z	Accessories PE. Dilator Perimeter INOX 1 unit

PACKING			
Icon	Quantity	Weight (kg)	Barcode
	250	14,93	
	395x295x450		

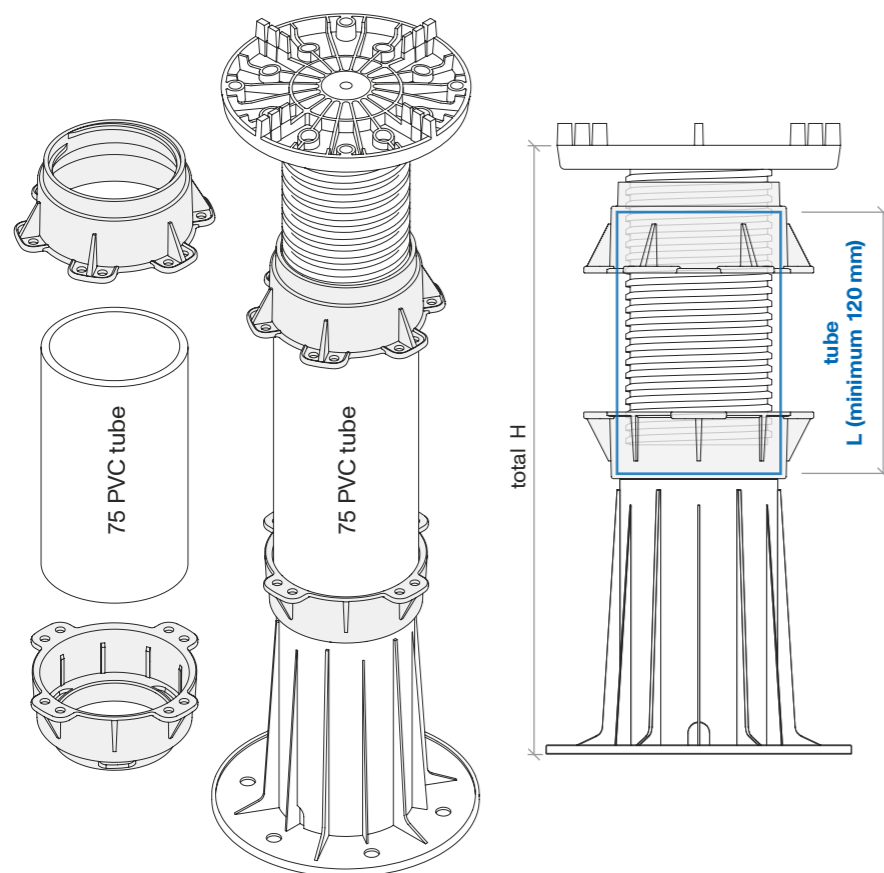
Adapter Tube PVC75



Composed of two (upper and lower) pieces, the Adaptor allows you to add a Ø75 PVC tube with a customised height to the body of the plot. It is an alternative to stacking several 100 mm BSP extensions.

This ensures that the surface of the tube edge is fully in contact with the Adaptor and increases the strength of the assembly. The multiple two-holed tabs on each piece allow the installation's plots to be joined together with wire to make the flooring more secure.

For proper installation, it is important to cut the PVC tube at an exact angle of 90°.



Tube features:

- PVC Series B (UNE EN 1329)
- Diameter 75 (thickness: 3 mm)

Minimum tube height: 120 mm.

There is a minimum allowed size for the PVC tube, so that the plot head does not collide with its own base in its lowest position.

How to calculate the length of the tube:

- For BSP3: $L = \text{Total H} - 91 \text{ mm}$
- For BSP4: $L = \text{Total H} - 146 \text{ mm}$

$L =$ Tube cutting length
 $\text{Total H} =$ Desired height

¡IMPORTANT!

The PVC tube must be cut at an exact angle of 90°. This ensures that the edge of the tube is fully in contact with the Adaptor and maintains the strength of the assembly.

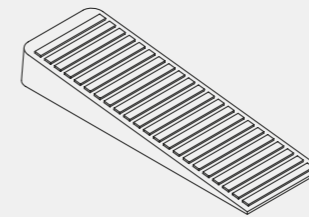
REF. ARTICLE

03181403A Accesorios PE. Adapter Tube PVC75 10 units



1 395x295x450 - 8436585254101

PACKING



Wedge for Technical Floors

Wedges for chocking technical floors. The protrusions on the Wedge help it stay attached to the support.

REF. ARTICLE

03040122N Accesorios PE. Wedge for Technical Floors 1000 units

PACKING

 10 395x295x450 14,07 8436585251551

Slab Lifter

Allows removing the floor efficiently and without effort. It prevents damaging the parts.. Opening margin 400-600mm. Maximum 30kg.



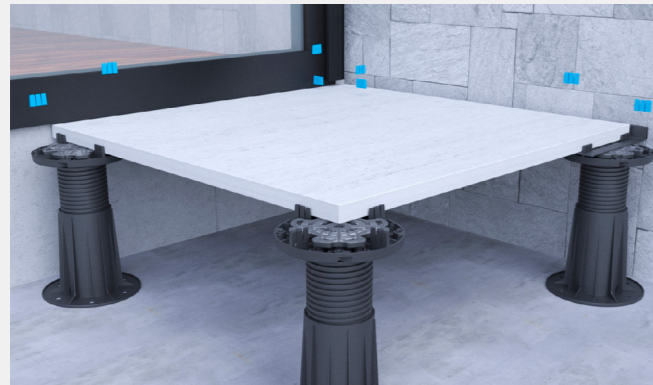
REF. ARTICLE

03040150Z Accesorios PE. Slab Lifter 1 unit

PACKING

 10 582x400x385 16,95 8436585251636

Installation: BSP



1. Fitting of edge pieces

It will be necessary to remove the tile spacer tabs on top of the plots that are around the perimeter's edge, so that the plot is fully beneath the tile and not on the centre line of the joint.



2. Tile levelling

Place the tile on the support plots. Use a spirit level to check and adjust the height at each bearing point by turning the bases of each of the plots.



3. Creating an edge joint

Use a Perimeter Joint or Perimeter Spacer (accessories) to create edge joints. This ensures that the joint width between the tiles remains constant.



5. Access flooring

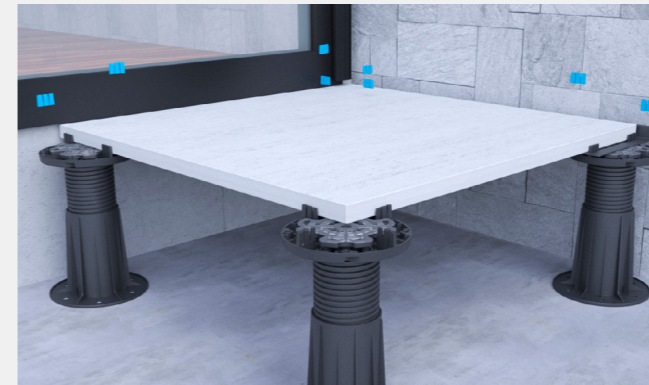
This results in a fully accessible surface that allows you to reach lower installations such as drains, electrical wiring, plumbing, etc.

The design and installation of outdoor raised flooring must be carried out in accordance with the UNE EN 12825:2002 European standard, which forms the basis for the specifications of Peygran Raised Floor Support Plots and Peygran Pedestals. It is only recommended to use rigid tiles specifically designed for use in raised flooring and to maintain the spacing between support plots recommended by the tile manufacturer according to the use of the tile. Raised flooring must be designed in a way that ensures that there is limited sideways movement of the flooring. Use Perimeter Spacers at joints with parapets or walls to prevent any sideways movement. In open-sided areas, keep the assembly stable by securing the pedestals to the ground where possible or by using stiffening elements such as metal profiles or linear masonry supports. The edge of the flooring must be immobilised or the whole assembly may become

unstable, leading to the collapse of the flooring. In a seismic zone 4, the height of the raised floor must not exceed 250 mm.

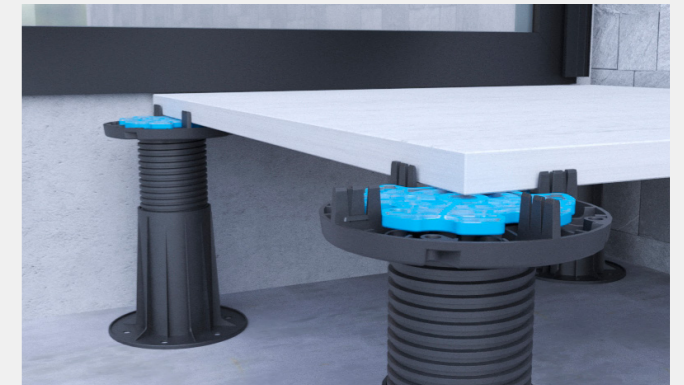
On inverted roofs we recommend using the Xsp Series with a larger footprint. It is not advisable to rest pedestals directly on thermal insulation for roofs with heavy foot traffic and we recommend using a compression layer of mortar on top of the insulation. In all other cases we recommend using CS(10)500 insulation (500 KPa minimum compressive strength according to EN 826) and DLT(2)2 insulation (maximum deformation under load and thermal deformation of 2% according to EN 1605).

Installation: BSP + tilting head



1. Fitting of edge pieces

It will be necessary to remove the tile spacer tabs on top of the plots that are around the perimeter's edge, so that the plot is fully beneath the tile and not on the centre line of the joint.



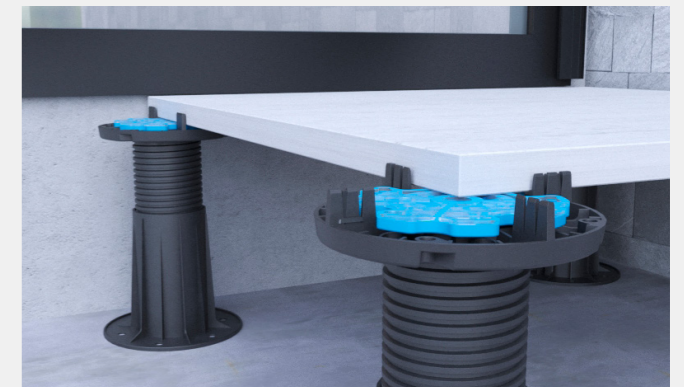
2. Slope correction

The Tilting Head (accessory) works automatically together with the plot and corrects any slopes up to 3%, thus preventing any lippage between tiles.



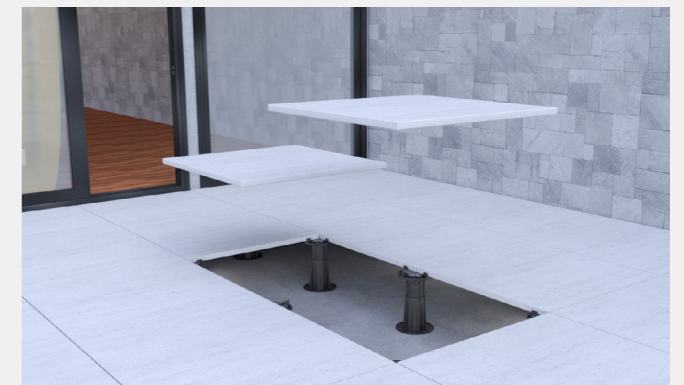
3. Tile levelling

Place the tile on the support plots. Use a spirit level to check and adjust the height at each bearing point by turning the bases of each of the plots.



4. Creating an edge joint

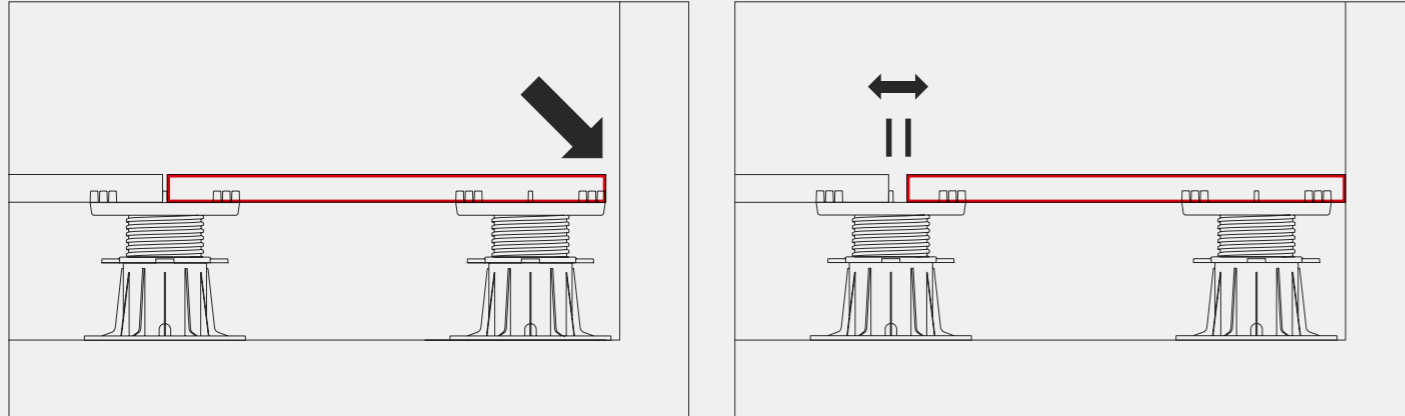
Use a Perimeter Joint or Perimeter Spacer (accessories) to create edge joints. This ensures that the joint width between the tiles remains constant.



5. Access flooring

This results in a fully accessible surface that allows you to reach lower installations such as drains, electrical wiring, plumbing, etc.

Installation



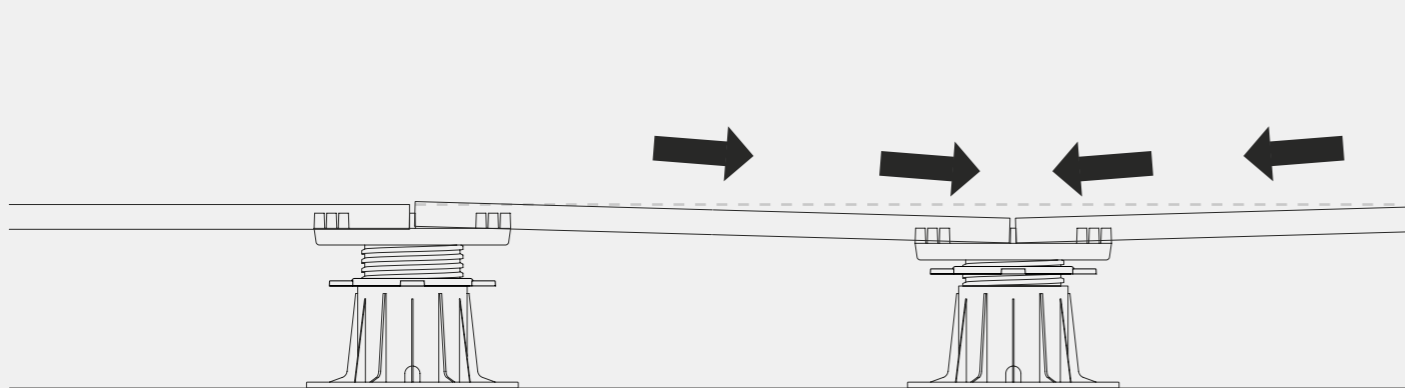
OPEN EDGES WITHOUT DILATORS

The perimeter of the tiles must be perfectly confined to avoid horizontal sliding. Perimeter dilators or elastic joints must be used to prevent such movement, always avoiding leaving open joints.



SLOPE CORRECTION AT BASE OR HEAD

Prevents small steps from appearing on the pavement surface by correcting the slope at the plot's base or head.



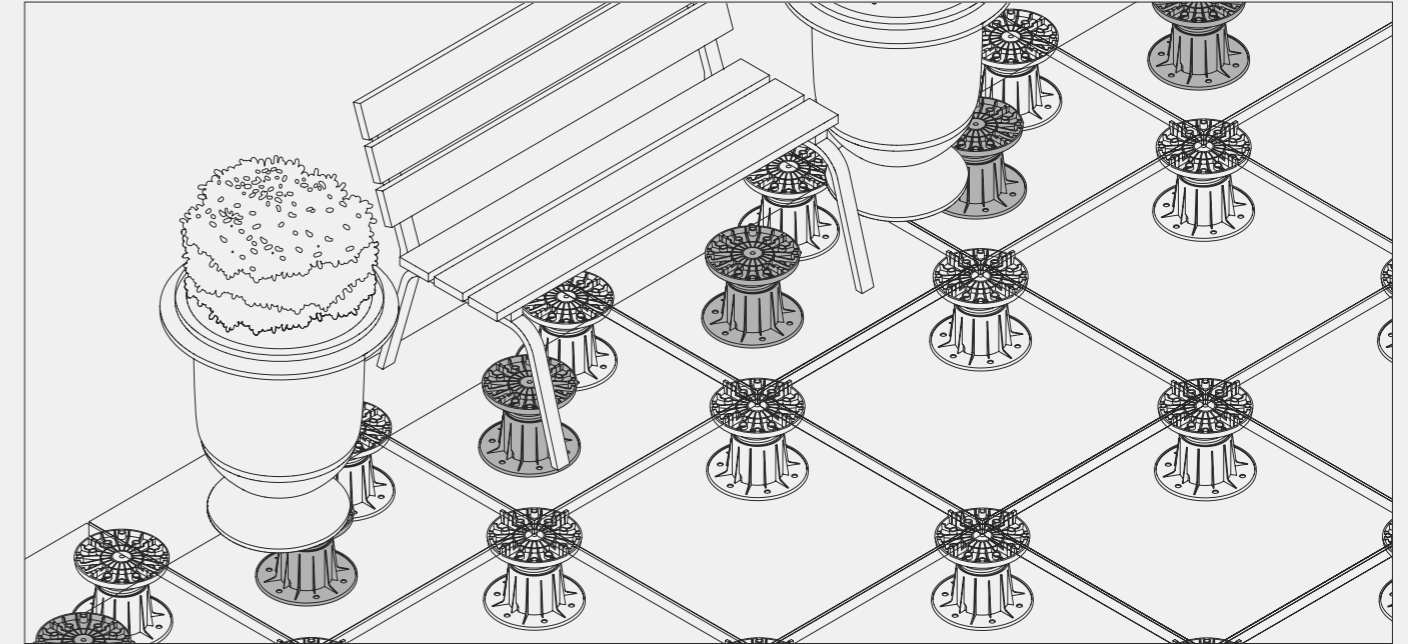
PLOT HEIGHT LOCK

Prevents undesired movement of the plot due to vibrations over time. Reduces the maintenance needed for the installation.

Installation

Central pedestal with extra weight

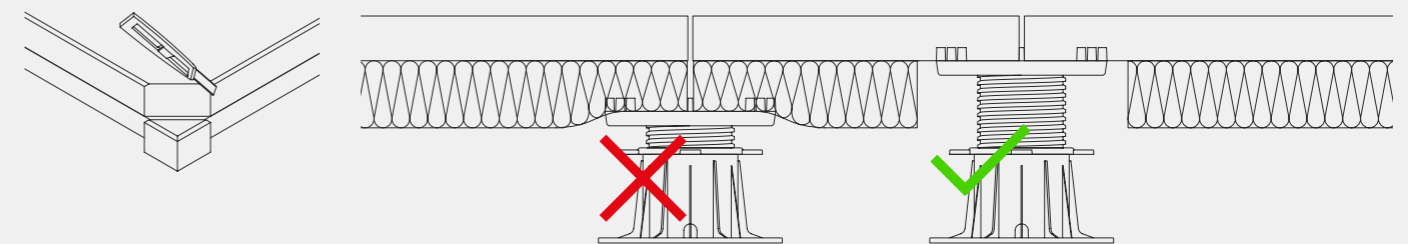
When working with punctual loads, it is possible to use a central pedestal layout or to increase the number of pedestals based on the load geometry. The rated load and the pedestal layout must follow the recommendations of the selected slab manufacturer at all times.



Using slabs with insulation

Do not rest slabs with insulation directly on the pedestals. An open joint between slabs will cause the camera to be ventilated and this will invalidate the effect of the insulation. XPS-type insulation experience deformation in the long term and rims may appear. It is advisable to cut the insulation corner to ensure that the slab has an adequate rigid support on the pedestal.

The use of insulated tiles can lead to breakage of the cantilevered part of the pedestal head. These tiles are not suitable for use with these pedestals.



These limitations apply to all Peygran raised flooring products. Relevant to BSP, BSP V0+ and XSP

How many pedestals do you need?

Tile format	4 plots	5 plots	9 plots
450 x 450	5,8	NO	NO
500 x 500	4,4	8,8	NO
600 x 600	3,2	6,1	NO
750 x 750	NO	4,9	7,8*
900 x 900	NO	NO	5,8*
1.200 x 1.200	NO	NO	3,2*

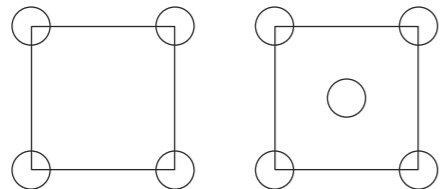
Tile format	4 plots	6 plots	8 plots
400 x 600	4,7	NO	NO
300 x 1.200	NO	6,3	NO
400 x 1.200	NO	4,7	NO
600 x 1.200	NO	3,2	6,1
500 x 1.000	NO	4,4	NO

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

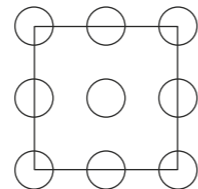
* Recommended installation with joist.

Recommended installation for 20 mm thick ceramic tiles:

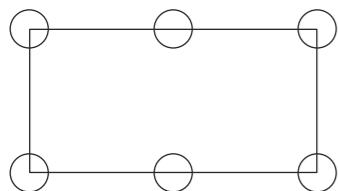
Smaller than 60x60 private use 4 pedestals, public use 5 pedestals (central pedestal).



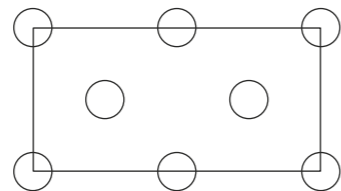
Larger than 60x60 9 pedestals in all cases.



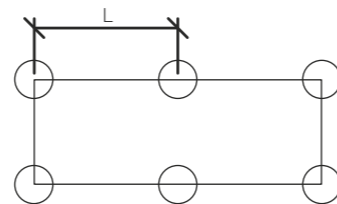
120x60 format: Private use, 60x60 module, without central panel



120x60 format: Public use, 60x60 module, with central panel



In any case when L < 60cm L.



These limitations apply to all Peygran raised flooring products. Relevant to BSP, BSP V0+ and XSP

DoP BSP

DECLARATION OF PERFORMANCE

	BSP1	BSP2	BSP3	BSP4	BSP4+ 1 BUSHING	BSP4+ 2 BUSHINGS	BSP4+ 3 BUSHINGS	BSP4+ 4 BUSHINGS	BSP3+ PVC PIPE	BSP4+ PVC PIPE
TECHNICAL CHARACTERISTICS										
Minimum height [mm]	34	50	80	140	240	340	440	540	151	266
Maximum height [mm]	50	80	140	255	355	455	555	655	966 ²	936,75 ²
Upper Diameter [mm]	130									
Lower Diameter [mm]	140									
Weight [g]	128	150	194	287	377	467	557	647	254+pipe	347+pipe
Central load [kN] limit ¹	8,14	8,24	7,84	8,17	6,54	6,40	6,79	6,66	6,55	6,45
Central load [kN] limit ¹ on 1/2	5,4	5,49	5,04	6,26	4,74	5,18	5,28	5,18	4,65	5,36
Operating temperature range	-40° to 65°C									
Distance between slabs ² [mm]	4 - 3 - 2									
Screw pitch [mm]	6									
Outdoor use	Rot proof and resistant to marine environments, chlorides and domestic detergents									

COMPOSITION

Head	Mineral filled polypropylene									
Body	Mineral filled polypropylene									

ACCESSORIES COMPATIBILITY

Bushing 100 mm	•	•	•	•	•	•	•	•	/	/
Adapter Tube PVC75	•	•	•	•	/	/	/	/	/	/
Closing Vertical PA	/	/	/	•	•	•	•	•	•	•
Pad Fixed ³	•	•	•	•	•	•	•	•	•	•
Tilting Head 0 - 3%	•	•	•	•	•	•	•	•	•	•
Pad Head Tilting 0% ³	•	•	•	•	•	•	•	•	•	•
Pad Head Tilting 2% ³	•	•	•	•	•	•	•	•	•	•
Joist Perimetral PA	•	•	•	•	•	•	•	•	•	•
Regulator Slope	•	•	•	•	•	•	•	•	•	•
Dilator Perimetral INOX	•	•	•	•	•	•	•	•	•	•
Anchor Joist Wood	•	•	•	•	•	•	•	•	•	•
Clip Joist	•	•	•	•	•	•	•	•	•	•

COMPATIBLE •

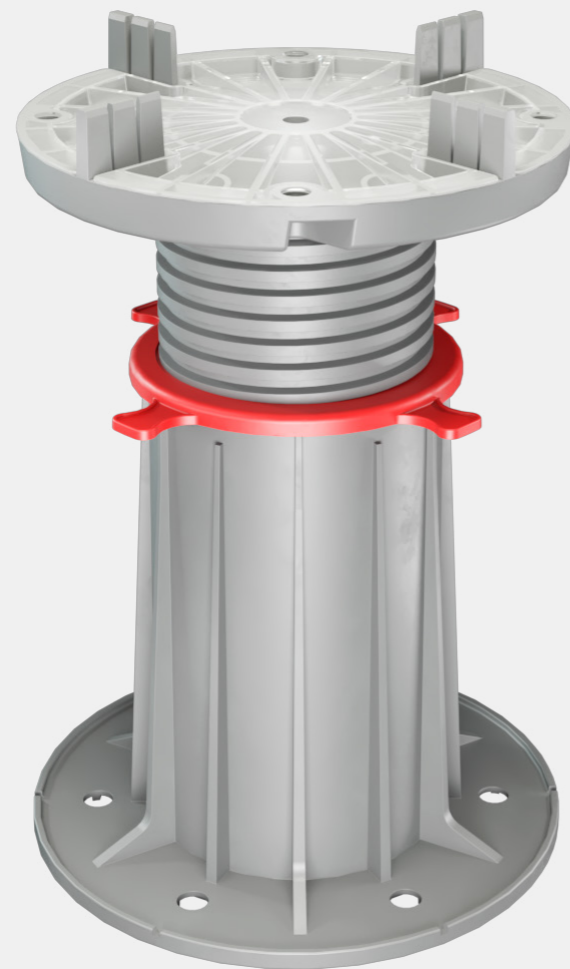
NOT COMPATIBLE /

Note 1:	Load Limit: AIJU; UNE-EN 12825:2002 Approval 5..3.1. Available upon request. 1Kn=102kg
Note 2:	Maximum height with tests accredited by AIJU laboratory. Available upon request.
Note 3:	Fixed pad for use only without tilting head. Tilting head pad 0% and 2% only combined with tilting head.
Note 4:	CE labelling: NOT APPLICABLE. ADJUSTABLE SUPPORTS FOR FLOATING FLOORING do not have any harmonised European technical requirement that is applicable to them.
Nota 5:	1. BSP1, 2, 3, and 4 values are with locknut. 2. BSP4 + Bushings or PVC pipe values are without locknut.

BSP V0+



Greater resistance,
with fire certificate



New range of pedestals, a new level of resistance.

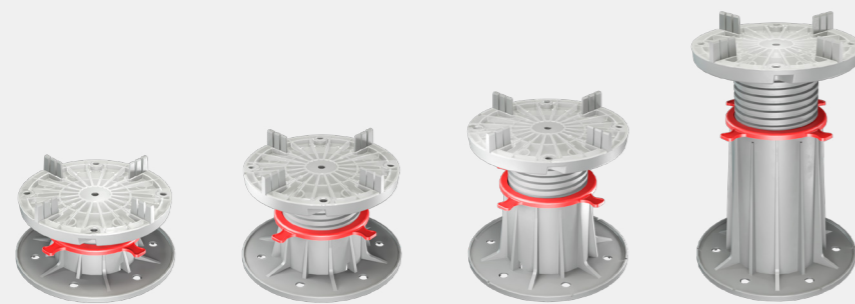
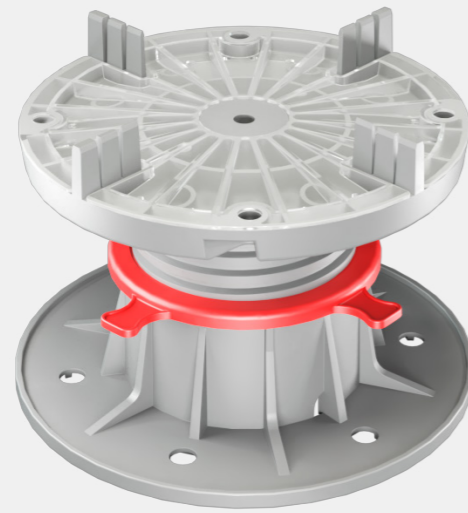
Peygran presents its new BSPV0+ self-extinguishing exterior flooring support, designed to offer safety and performance.

This innovative plot prevents the spread of flames and smoke emissions thanks to its certified Bfl-S1 fire performance classification.

With an adjustable height from 35 to 255 mm and a resistance of 1,000 kg, it offers a versatile solution for exterior projects with floating or raised flooring, guaranteeing high-quality finishes and reducing maintenance.



BSP V0+



BSP1 V0+
35 - 50 mm

BSP2 V0+
50 - 80 mm

BSP3 V0+
80 - 140 mm

BSP4 V0+
140 - 255 mm



Greater resistance.

Thanks to the locknut included and the structure of the pedestal, it can withstand greater loads and resistance is increased.

Wide range of heights

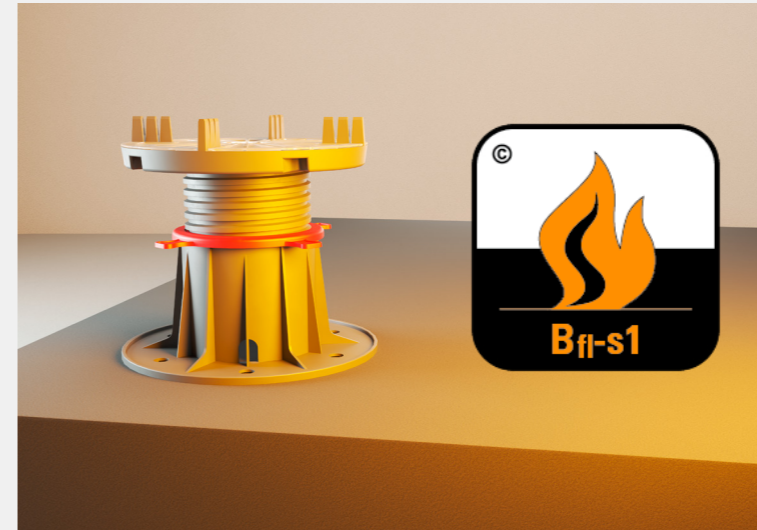
From 35 mm in the smallest model (BSP1) to 655 mm in the case of the BS4 with 4 sleeves, this pedestal is suitable for a wide variety of projects thanks to its wide range of heights.

Extendable Height

The design of the BSP4 allows the height to be extended by the fitting of sleeves, with a recommended combination of up to 4 sleeves. Each new sleeve increases the height of the pedestal by 100 mm.

4, 3 or 2 mm tabs

All BSP V0+ models have three flange thicknesses to generate different joint widths. By default, it generates 4 mm joints.



With fire certificate (FC)

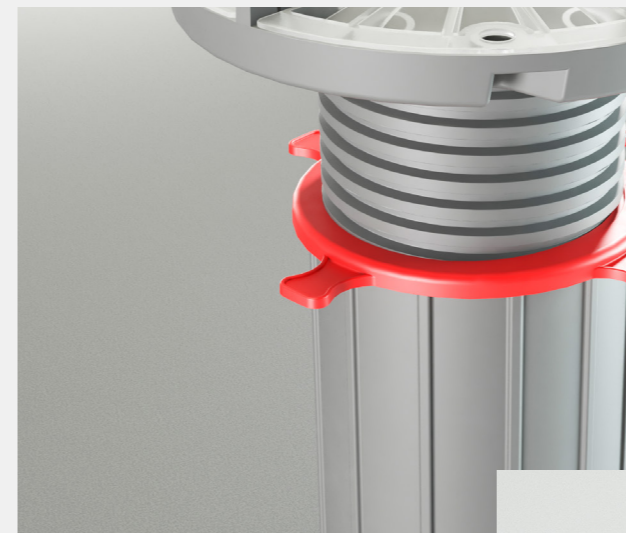
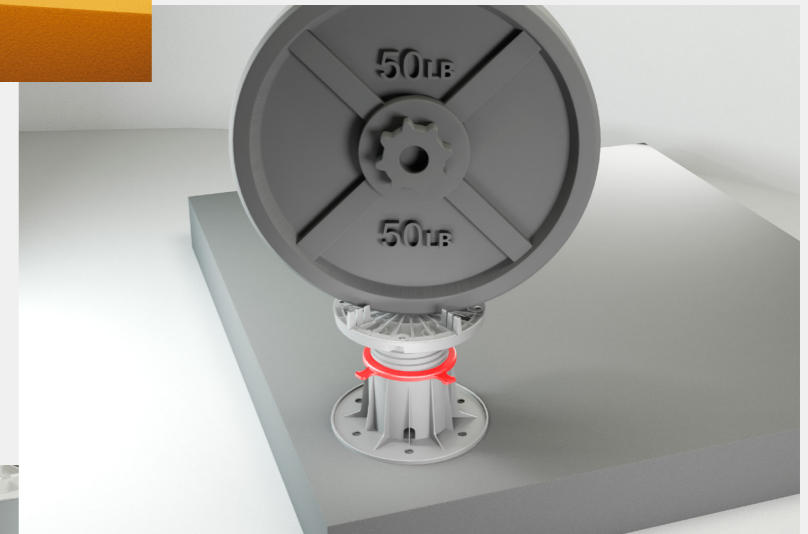
In a fire, the product prevents the spread of flames thanks to the certified Bfl-S1 fire classification rating.

The material is self-extinguishing and does not generate smoke or air toxicity, which is one of the main hazards in case of fire. Complies with UL94 or Yellow Card and UNE 16501.

Highly resistant to weight (HR)

With a reinforced body, a head that distributes the weight to the most well-equipped areas and a base with partitions for extra support.

The BSP V0+ pedestal withstands up to 8.5 kN of centre load.



With integrated locknut

The locknut included in the pedestal itself prevents unwanted movement of the pedestal caused by vibrations over time. It is also one of the factors that increases their weight resistance.

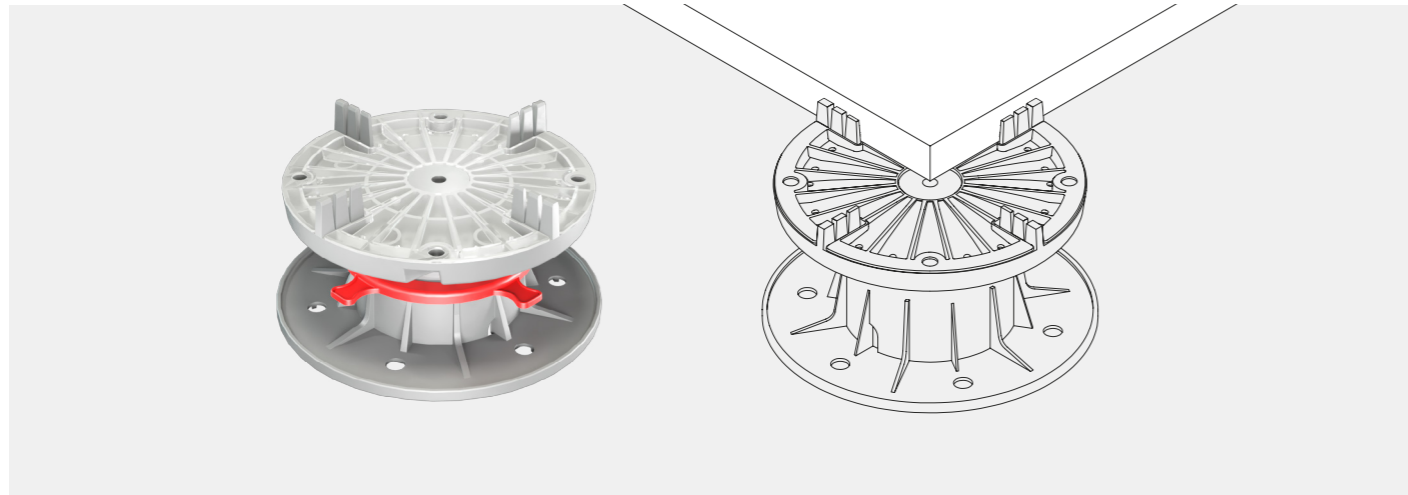
Extendable Height

The design of the BSP4 allows the height to be extended by the fitting of sleeves, with a recommended combination of up to 4 sleeves.

Each new sleeve increases the height of the pedestal by 100 mm.



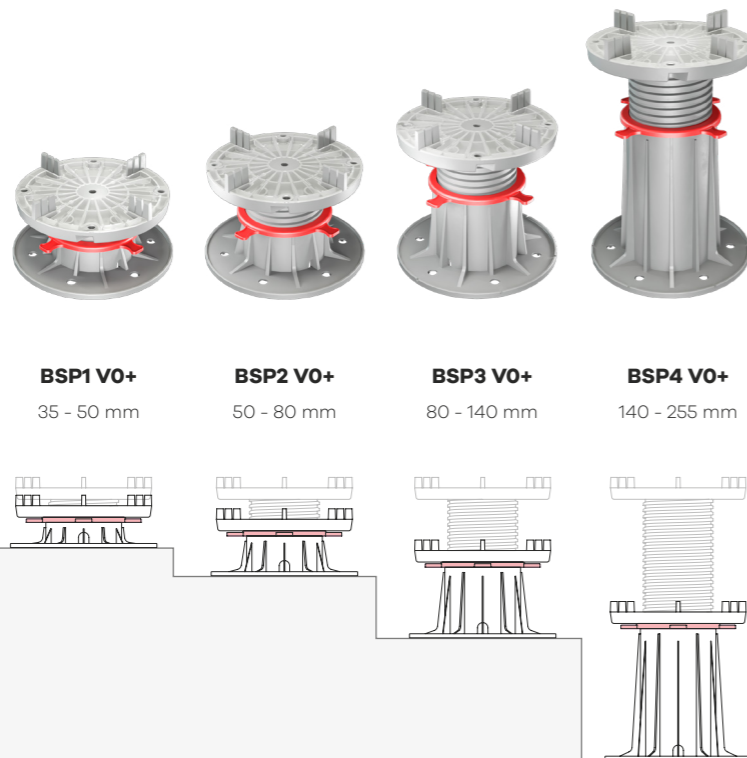
BSP V0+



The BSP V0+ raised floor system is self-extinguishing and has a low smoke emission and is certified for Reaction to Fire Classification: Bfl-s1 in its application as a floor covering construction product.

They reach a resistance of 1,000 kg in compression with a centre load and allow heights from 35 to 255 mm, which can be extended using sleeves. All BSP V0+ pedestal models include the locknut.

Compatible with all the complements of the BSP range.



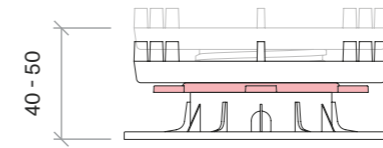
REF.	ARTICLE	PACKING			
03140101Z	BSP1 V0+ Pedestal 35 - 50 mm 1 unit	-	582x400x385	-	8436585255290
03140102Z	BSP2 V0+ Pedestal 50 - 80 mm 1 unit	-	582x400x385	-	8436585255306
03140103Z	BSP3 V0+ Pedestal 80 - 140 mm 1 unit	-	582x400x385	-	8436585255313
03140104Z	BSP4 V0+ Pedestal 140 - 255 mm 1 ud	-	582x400x385	-	8436585255320

Ultimate compressive load limit: Values with Locknut based on tests conducted by AJUJ, in accordance with UNE-EN 12825:2002, section 5.3.1. Tests available upon request. According to standard UN-EN 12825, a safety factor of 2 is recommended for private use and 3 for public use.

BSP1 V0+

- 35 mm Minimum height (without locknut)
- 40 mm Minimum height (with locknut)
- 50 mm Maximum height
- 130 mm Upper diameter
- 140 mm Lower diameter
- 133 g Weight
- 10,00 kN Central maximum load¹ [kN]
- 7,20 kN Maximum load¹ [kN] on 1/2
- 40° to 65°C Usage temperature
- 4/3/2 mm Distance between tiles
- 6 mm Screw pitch

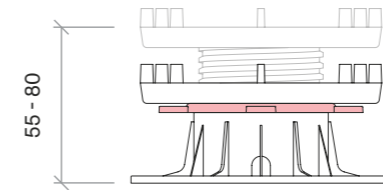
Tol: + - 1mm



BSP2 V0+

- 50 mm Minimum height (without locknut)
- 55 mm Minimum height (with locknut)
- 80 mm Maximum height
- 130 mm Upper diameter
- 140 mm Lower diameter
- 153 g Weight
- 9,20 kN Central maximum load¹ [kN]
- 7,0 kN Maximum load¹ [kN] on 1/2
- 40° to 65°C Usage temperature
- 4/3/2 mm Distance between tiles
- 6 mm Screw pitch

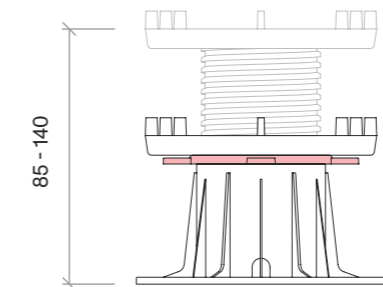
Tol: + - 1mm



BSP3 V0+

- 80 mm Minimum height (without locknut)
- 85 mm Minimum height (with locknut)
- 140 mm Maximum height
- 130 mm Upper diameter
- 140 mm Lower diameter
- 206 g Weight
- 8,00 kN Central maximum load¹ [kN]
- 6,70 kN Maximum load¹ [kN] on 1/2
- 40° to 65°C Usage temperature
- 4/3/2 mm Distance between tiles
- 6 mm Screw pitch

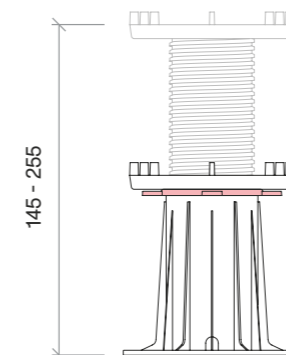
Tol: + - 1mm



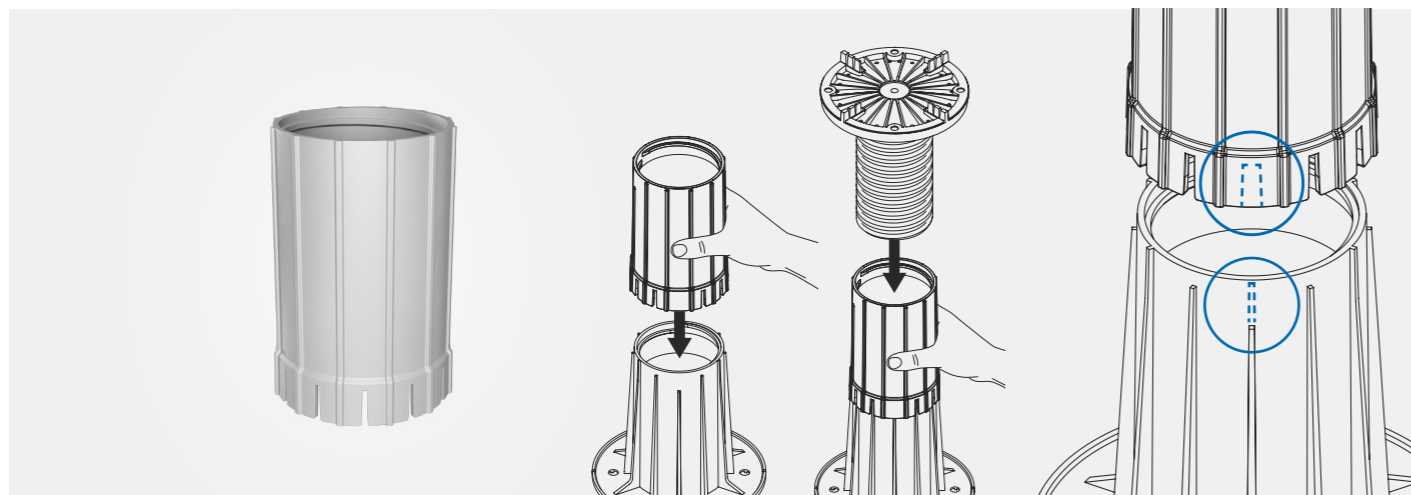
BSP4 V0+

- 140 mm Minimum height (without locknut)
- 145 mm Minimum height (with locknut)
- 255 mm Maximum height
- 130 mm Upper diameter
- 140 mm Lower diameter
- 290 g Weight
- 8,00 kN Central maximum load¹ [kN]
- 7,30 kN Maximum load¹ [kN] on 1/2
- 40° to 65°C Usage temperature
- 4/3/2 mm Distance between tiles
- 6 mm Screw pitch

Tol: + - 1mm



Extension V0+ 100 mm



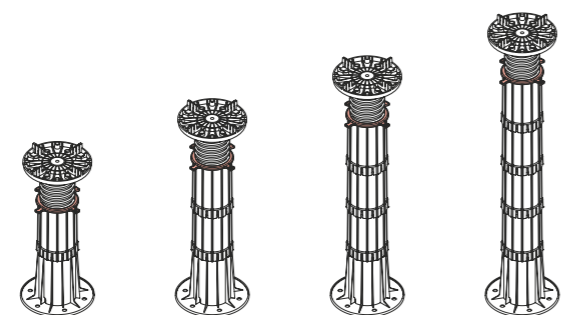
Accessory to raise adjustable support plots by 100 mm. They can be connected together and raised up to a height of 655 mm (BSP4 + extension(s)).

It should be installed with a joist substructure to ensure the stability of the assembly.

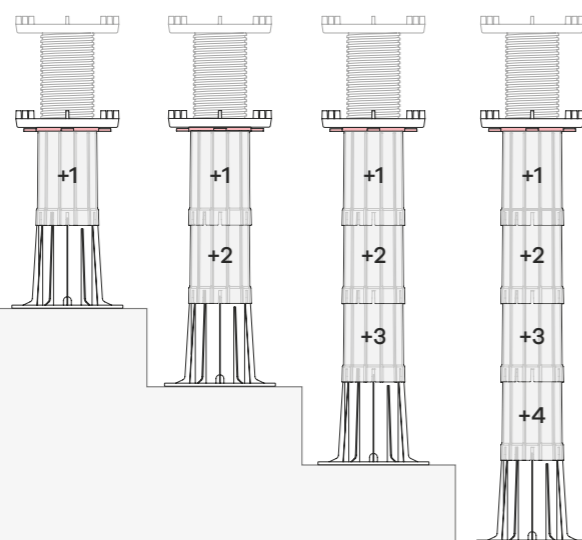
IMPORTANT!

The bushing has a series of grooves that fit with the ribs of the BSP4 V0+ base.

The correct installation of the bushing with the BSP4 V0+ base is done by aligning the two points indicated in the image.



BSP4 V0+ +1 BUSHING	BSP4 V0+ +2 BUSHINGS	BSP4 V0+ +3 BUSHINGS	BSP4 V0+ +4 BUSHINGS
245 - 355	345 - 455 mm	445 - 555 mm	545 - 655 mm

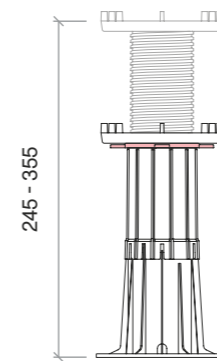


REF.	ARTICLE
03181815A	Accessories P.E. Extension V0+ 100 mm 55 units

PACKING			
1	395x295x450	-	8436585255337

Ultimate compressive load limit: Values with Locknut based on tests conducted by ALUJ, in accordance with UNE-EN 12825:2002, section 5.3.1. Tests available upon request. According to standard UN-EN 12825, a safety factor of 2 is recommended for private use and 3 for public use.

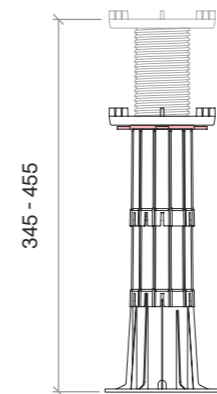
Tol: + - 1mm



BSP4 V0+ + 1 Bushing

240 mm	Minimum height (without locknut)
245 mm	Minimum height (with locknut)
355 mm	Maximum height
130 mm	Upper diameter
140 mm	Lower diameter
369 g	Weight
8,40 kN	Central maximum load ¹ [kN]
7,80 kN	Maximum load ¹ [kN] on 1/2
-40° to 65°C°	Usage temperature
4/3/2 mm	Distance between tiles
6 mm	Screw pitch

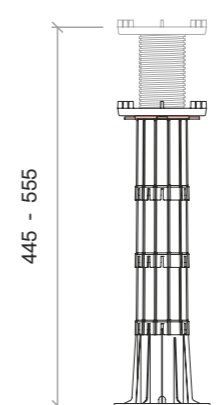
Tol: + - 1mm



BSP4 V0+ + 2 Bushings

340 mm	Minimum height (without locknut)
345 mm	Minimum height (with locknut)
455 mm	Maximum height
130 mm	Upper diameter
140 mm	Lower diameter
448 g	Weight
7,90 kN	Central maximum load ¹ [kN]
7,00 kN	Maximum load ¹ [kN] on 1/2
-40° to 65°C°	Usage temperature
4/3/2 mm	Distance between tiles
6 mm	Screw pitch

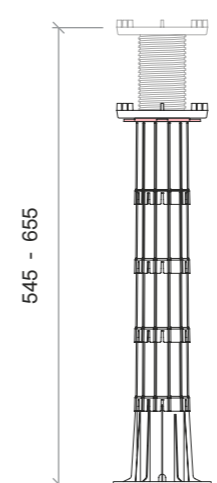
Tol: + - 1mm



BSP4 V0+ + 3 Bushings

440 mm	Minimum height (without locknut)
445 mm	Minimum height (with locknut)
555 mm	Maximum height
130 mm	Upper diameter
140 mm	Lower diameter
526 g	Weight
8,20 kN	Central maximum load ¹ [kN]
6,70 kN	Maximum load ¹ [kN] on 1/2
-40° to 65°C°	Usage temperature
4/3/2 mm	Distance between tiles
6 mm	Screw pitch

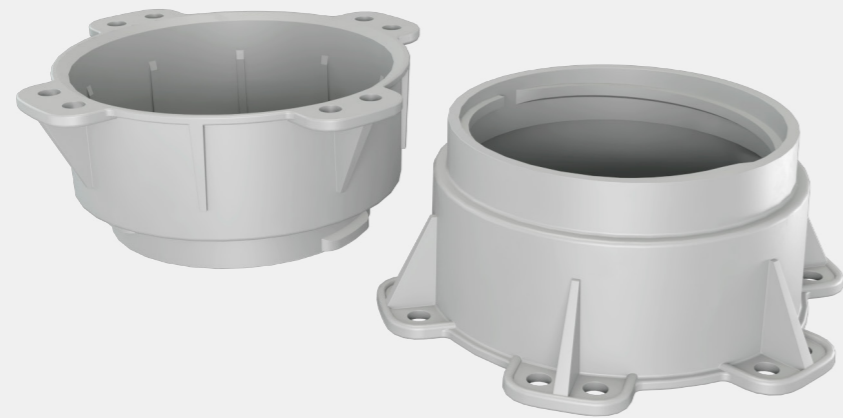
Tol: + - 1mm



BSP4 V0+ + 4 Bushings

540 mm	Minimum height (without locknut)
545 mm	Minimum height (with locknut)
655 mm	Maximum height
130 mm	Upper diameter
140 mm	Lower diameter
604 g	Weight
8,10 kN	Central maximum load ¹ [kN]
6,50 kN	Maximum load ¹ [kN] on 1/2
-40° to 65°C°	Usage temperature
4/3/2 mm	Distance between tiles
6 mm	Screw pitch

Adapter Tube PVC75 V0+



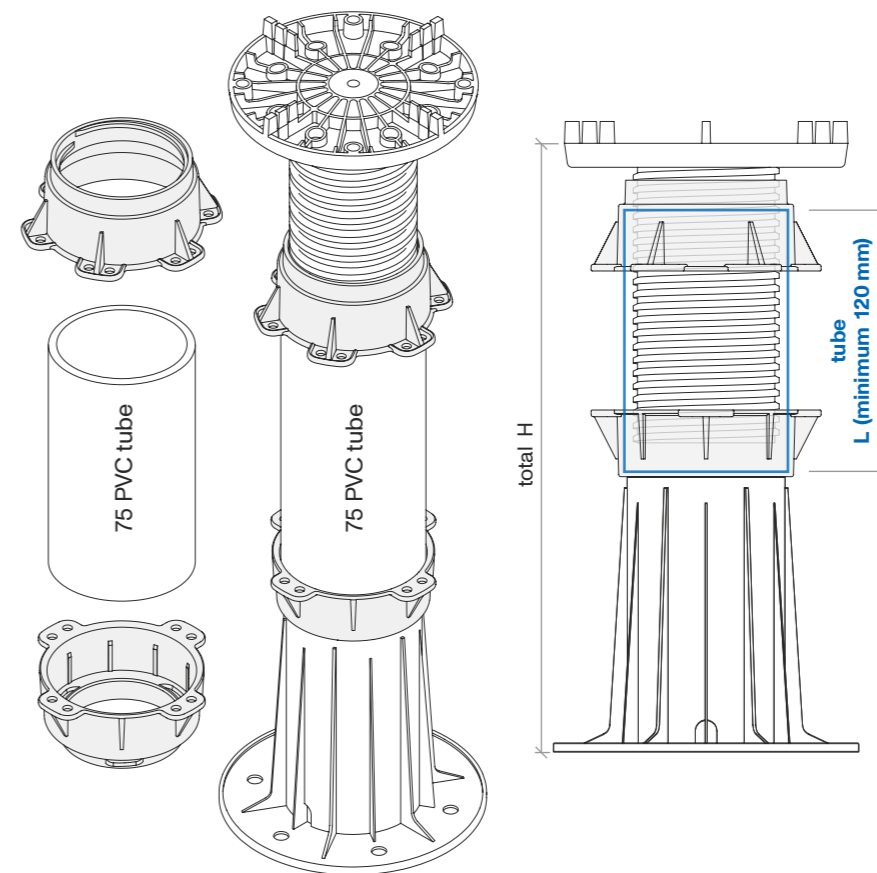
Adapter Tube PVC75 V0+



Composed of two (upper and lower) pieces, the Adaptor allows you to add a Ø75 PVC tube with a customised height to the body of the plot. It is an alternative to stacking several 100 mm BSP extensions.

This ensures that the surface of the tube edge is fully in contact with the Adaptor and increases the strength of the assembly. The multiple two-holed tabs on each piece allow the installation's plots to be joined together with wire to make the flooring more secure.

For proper installation, it is important to cut the PVC tube at an exact angle of 90°.



Tube features:

- PVC Series B (UNE EN 1329)
- Diameter 75 (thickness: 3 mm)

Minimum tube height: 120 mm.

There is a minimum allowed size for the PVC tube, so that the plot head does not collide with its own base in its lowest position.

How to calculate the length of the tube:

- For BSP3: $L = \text{Total H} - 91 \text{ mm}$
- For BSP4: $L = \text{Total H} - 146 \text{ mm}$

L = Tube cutting length
 Total H = Desired height

!IMPORTANT!

The PVC tube must be cut at an exact angle of 90°. This ensures that the edge of the tube is fully in contact with the Adaptor and maintains the strength of the assembly.

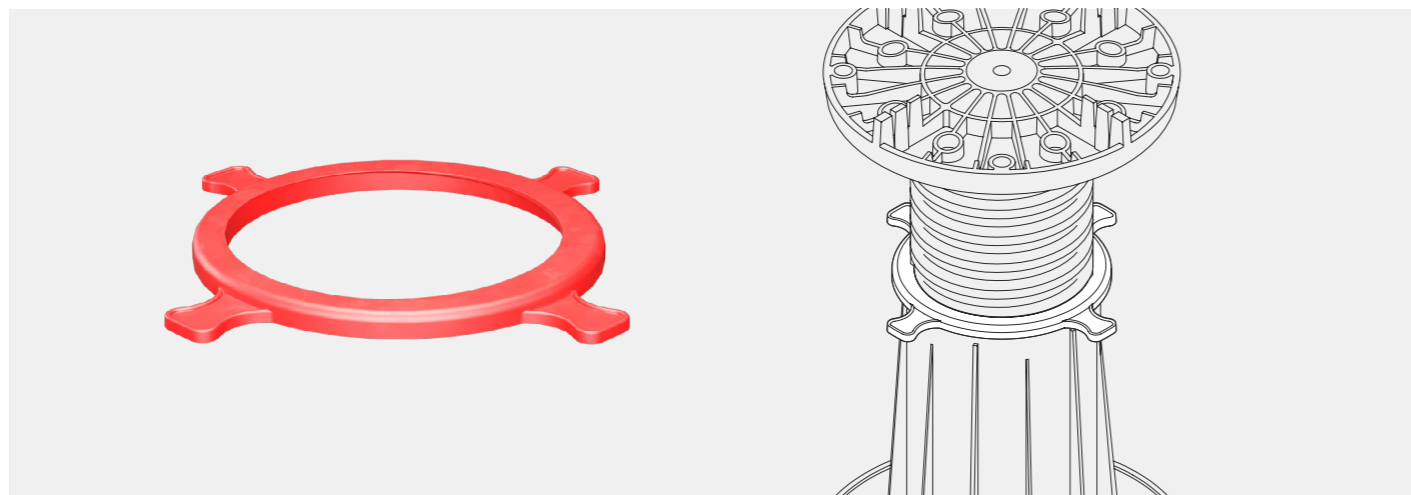
REF.	ARTICLE
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03181816A	Accessories PE. Adapter Tube PVC75 V0+ 10 units
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P A C K I N G

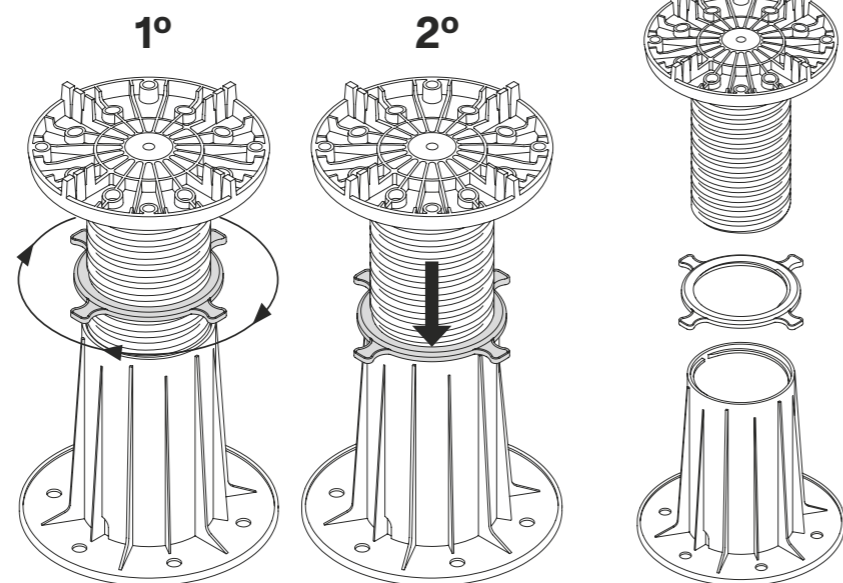
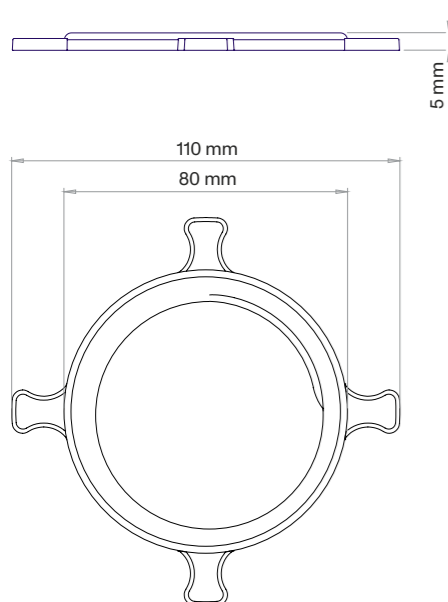
12	395x295x450	1,00	8436585255344

Locknut BSP V0+



The locknut blocks the movement of the pedestal and prevents the head and base from turning freely. Its use reduces the frequency of maintenance due to height misalignment and increases the compressive strength of the pedestals. The

minimum height is increased by 5 mm with the use of a locknut. The locknut is included in all BSPV0+ models.



DoP BSP-V0+

DECLARACIÓN DE PRESTACIONES / DECLARATION OF PERFORMANCE

BSP1 V0+ BSP2 V0+ BSP3 V0+ BSP4 V0+ BSP4 V0+ +1 BUSHING BSP4 V0+ +2 BUSHINGS BSP4 V0+ +3 BUSHINGS BSP4 V0+ +4 BUSHINGS BSP3 V0+ +PVC PIPE BSP4 V0+ +PVC PIPE

TECHNICAL CHARACTERISTICS

Minimum height [mm]	34	50	80	140	240	340	440	540	151	266
Maximum height [mm]	50	80	140	255	355	455	555	655	966 ²	936,75 ²
Upper Diameter [mm]	130									
Lower Diameter [mm]	140									
Weight [g]	133	153	206	290	369	448	526	604	262+tubo	340+tubo
Central load [kN] limit ¹	10,09	9,27	8,03	8,02	8,47	7,93	8,24	8,12	8,66	8,70
Central load [kN] limit ¹ on 1/2	7,27	7,16	6,72	7,30	7,84	7,04	6,73	6,54	6,15	6,58
Operating temperature range	de -40° to 65°C									
Distance between slabs ² [mm]	4 - 3 - 2									
Screw pitch [mm]	6									
Outdoor use	Rot proof and resistant to marine environments, chlorides and domestic detergents									

COMPOSITION

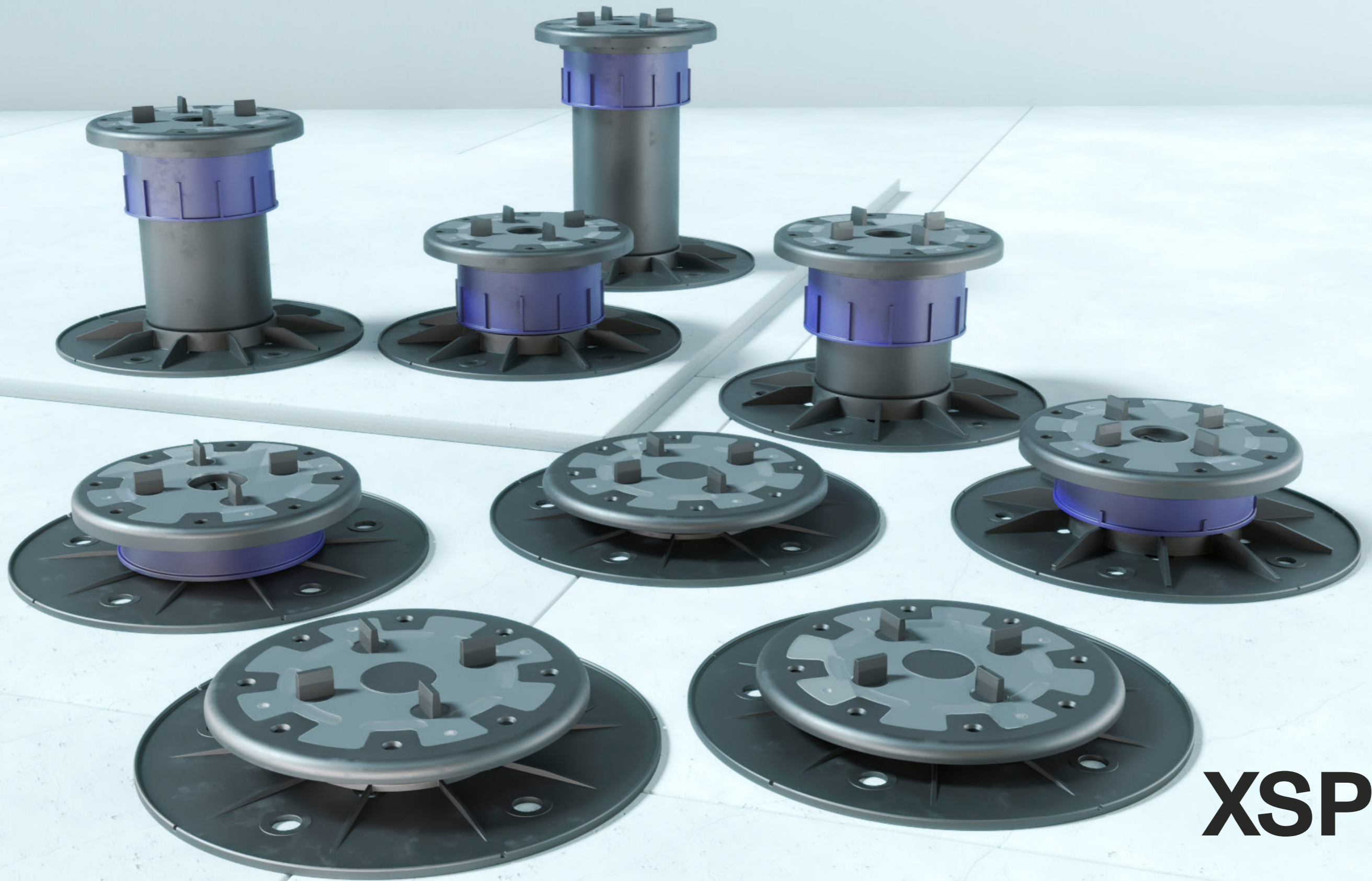
Head	Mineral filled polypropylene
Body	Mineral filled polypropylene

ACCESSORIES COMPATIBILITY

Bushing 100 mm	•	•	•	•	•	•	•	•	/	/
Adapter Tube PVC75	•	•	•	•	/	/	/	/	/	/
Closing Vertical PA	/	/	/	•	•	•	•	•	•	•
Pad Fixed ³	•	•	•	•	•	•	•	•	•	•
Tilting Head 0 - 3%	•	•	•	•	•	•	•	•	•	•
Pad Head Tilting 0% ³	•	•	•	•	•	•	•	•	•	•
Pad Head Tilting 2% ³	•	•	•	•	•	•	•	•	•	•
Joist Perimetral PA	•	•	•	•	•	•	•	•	•	•
Regulator Slope	•	•	•	•	•	•	•	•	•	•
Dilator Perimetral INOX	•	•	•	•	•	•	•	•	•	•
Anchor Joist Wood	•	•	•	•	•	•	•	•	•	•
Clip Joist	•	•	•	•	•	•	•	•	•	•

COMPATIBLE •
NOT COMPATIBLE /

Note 1:	Load Limit: AIJU; UNE-EN 12825:2002 Approval 5..3.1. Available upon request. 1Kn=102kg
Note 2:	Maximum height with tests accredited by AIJU laboratory. Available upon request.
Note 3:	Fixed pad for use only without tilting head. Tilting head pad 0% and 2% only combined with tilting head.
Note 4:	CE labelling: NOT APPLICABLE. ADJUSTABLE SUPPORTS FOR FLOATING FLOORING do not have any harmonised European technical requirement that is applicable to them.
Nota 5:	1. BSP1, 2, 3, and 4 values are with locknut. 2. BSP4 + Bushings or PVC pipe values are without locknut.



XSP™

Raised floor pedestals

XSP™

Self-levelling base



For more convenient installation

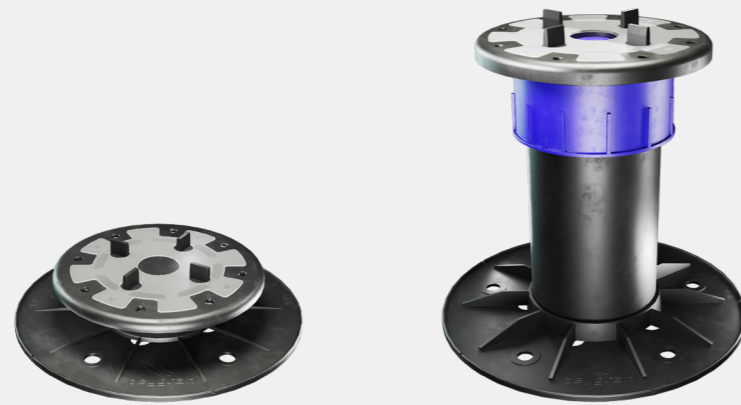
Our XSP Plots feature a self-levelling base that allows them to adapt to the existing slope on the installation surface and offers a height range from 21 to 245 mm.

Its self-levelling base has an inclination of up to 5%, depending on the model. Additionally, the wide base diameter allows for optimal installation on insulation.

The XSP PRO models can be adjusted in height with their floating nut or with the XSP Key, which also allows them to be locked.

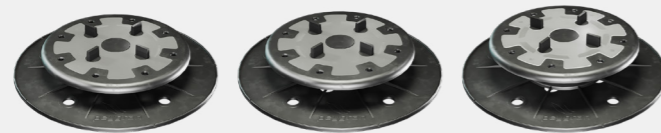
All models have an integrated pad, perfect for adding extra pavement grip and reducing impact and vibrations. They also include a height stop, which limits displacement, preventing the plot from disassembling when increasing its height.

XSP™



LITE

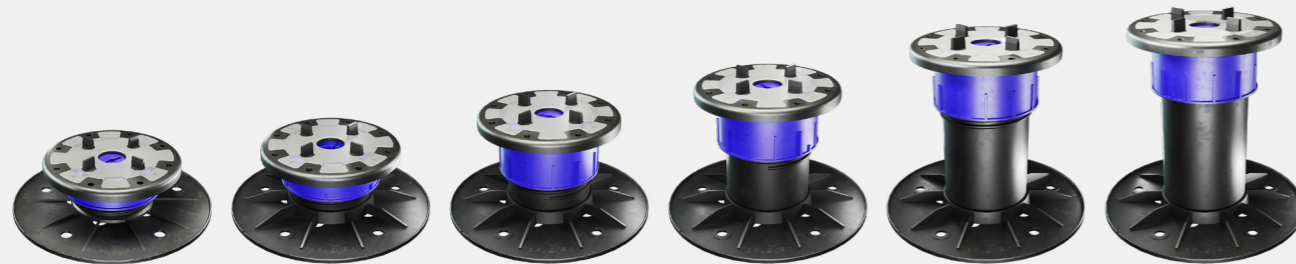
PRO



XSP0 lite
21 - 27 mm

XSP1 lite
27 - 33 mm

XSP2 lite
33 - 40 mm



XSP3 pro
40 - 57 mm

XSP4 pro
57 - 80 mm

XSP5 pro
80 - 120 mm

XSP6 pro
120 - 160 mm

XSP7 pro
160 - 200 mm

XSP8 pro
200 - 245 mm



XSP Lite

The XSP Lite models are the smallest, ideal for installations with slopes of up to 3% gradient and installations requiring supports with a maximum height of 40 mm.

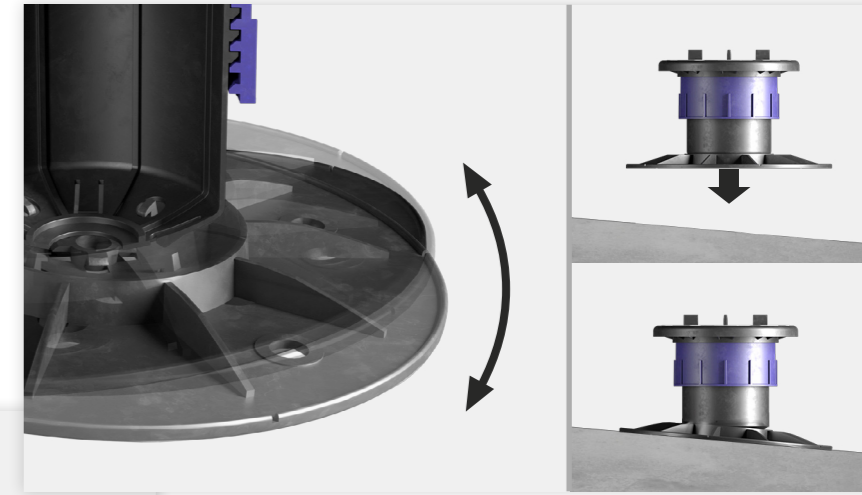
XSP Pro

The XSP Pro models offer 3% or 5% automatic levelling at their base (depending on the model) and feature a dual height adjustment system: with a locknut or the XSP Key. Additionally, the key allows the plot height to be locked to ensure the stability of the installation.

Self-levelling base

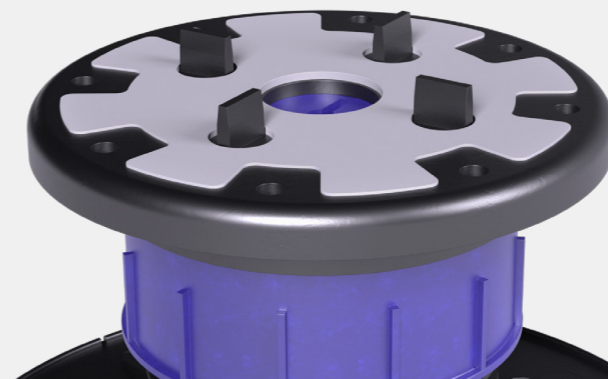
The XSP base allows one of the simplest and easiest installations in the market. The Peygran self-levelling base system offers a tilt of up to 3 or 5% depending on the model.

The pedestal base adapts to the slope and direction of the floor when placed on the surface.



Integrated pad

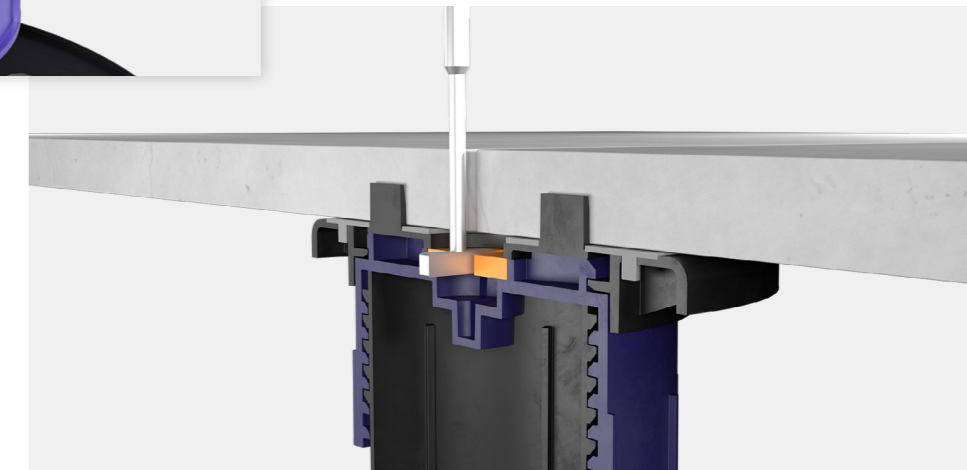
The pad has been integrated in the new XSP pedestal to offer an additional floor attachment. This pad reduces slab sliding and improves the reduction of shock and vibration noise. Made of elastomeric material.



Height lock

XSP PRO models include a Height Lock to prevent unwanted height movements of the pedestal due to vibrations over time.

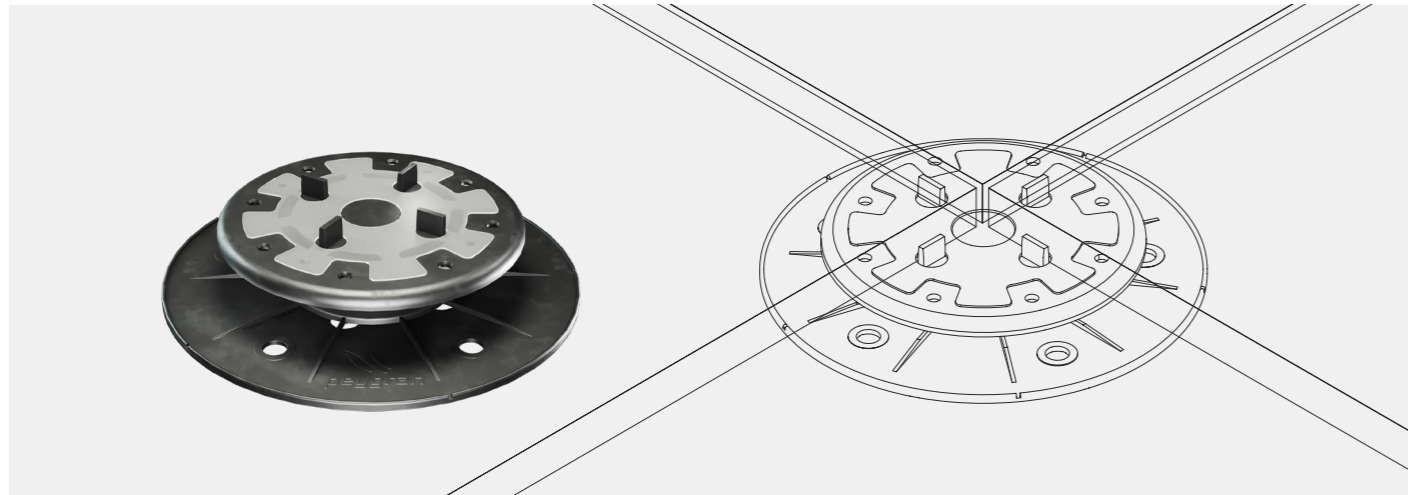
By inserting the Wrench to the first pocket where the Locking system is and turning it 90°, the pedestal is locked, ensuring not only a perfect but also a permanent installation.



PACKING

REF.	ARTICLE				
03080010A	XSP Pedestal 0 LITE - Box 21 - 27 mm, 3% 25 units	1	395×295×450	5,22	8436585252985
03080011A	XSP Pedestal 1 LITE - Box 27 - 33 mm, 3% 25 units	1	395×295×450	5,34	8436585252992
03080012A	XSP Pedestal 2 LITE - Box 33 - 40 mm, 3% 25 units	1	395×295×450	5,44	8436585253005
03080003A	XSP Pedestal 3 PRO - Box 40 - 57 mm, 3% 25 units	1	582×400×385	7,68	8436585252923
03080004A	XSP Pedestal 4 PRO - Box 57 - 80 mm, 5% 25 units	1	582×400×385	8,52	8436585252930
03080005A	XSP Pedestal 5 PRO - Box 80 - 120 mm, 5% 25 units	1	582×400×385	9,96	8436585252947
03080006A	XSP Pedestal 6 PRO - Box 120 - 160 mm, 5% 25 units	1	586×404×608	11,02	8436585252954
03080007A	XSP Pedestal 7 PRO - Box 160 - 200 mm, 5% 25 units	1	586×404×608	11,66	8436585252961
03080008A	XSP Pedestal 8 PRO - Box 200 - 245 mm, 5% 25 units	1	586×404×608	12,98	8436585252978

XSP lite™



The XSP Lite models are the smallest, ideal for installations with slopes of up to 3% gradient and installations requiring supports with a maximum height of 40 mm.

Their main advantage is the self-levelling base, which allows them to adapt to the existing slope on the installation surface. Their height range covers 21 to 40 mm.



XSP0 lite
21 - 27 mm



XSP1 lite
27 - 33 mm



XSP2 lite
33 - 40 mm



REF.	ARTICLE
03080010A	XSP Pedestal 0 LITE - Box 21 - 27 mm, 3% 25 units
03080011A	XSP Pedestal 1 LITE - Box 27 - 33 mm, 3% 25 units
03080012A	XSP Pedestal 2 LITE - Box 33 - 40 mm, 3% 25 units

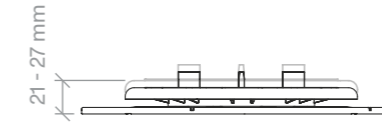
PACKING				
1	395×295×450	5,22	8436585252985	
1	395×295×450	5,34	8436585252992	
1	395×295×450	5,44	8436585253005	

Load Limit: Values according to tests C182520 a C182529 by Instituto de Tecnología Cerámica (AICE-ITC) UNE-EN 12825:2002 Apto 5..31. According to the UNE-EN 12825 standard, it is recommended to apply a safety coefficient of 2 for private use and 3 for public use.

XSP0 lite

- 21 mm Minimum height
- 27 mm Maximum height
- ± 1mm Tolerance
- 155 ± 5 mm Upper diameter
- 220 mm Lower diameter

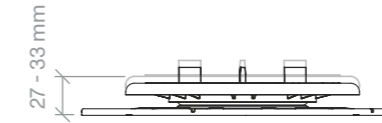
- 200 g Weight
- 13,8 kN Central load [kN] limit
- 8,2 kN Partial load [kN] about 1/4
- 40 a 65 C° Operation temperature
- 4 mm Clearance between slabs
- 0% a 3% Base tilt
- 7 mm Screw pitch



XSP1 lite

- 27 mm Minimum height
- 33 mm Maximum height
- ± 1mm Tolerance
- 155 ± 5 mm Upper diameter
- 220 mm Lower diameter

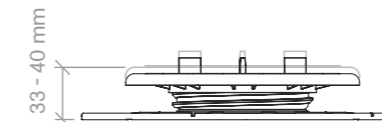
- 205 g Weight
- 9,2 kN Central load [kN] limit
- 4,5 kN Partial load [kN] about 1/4
- 40 a 65 C° Operation temperature
- 4 mm Clearance between slabs
- 0% a 3% Base tilt
- 7 mm Screw pitch



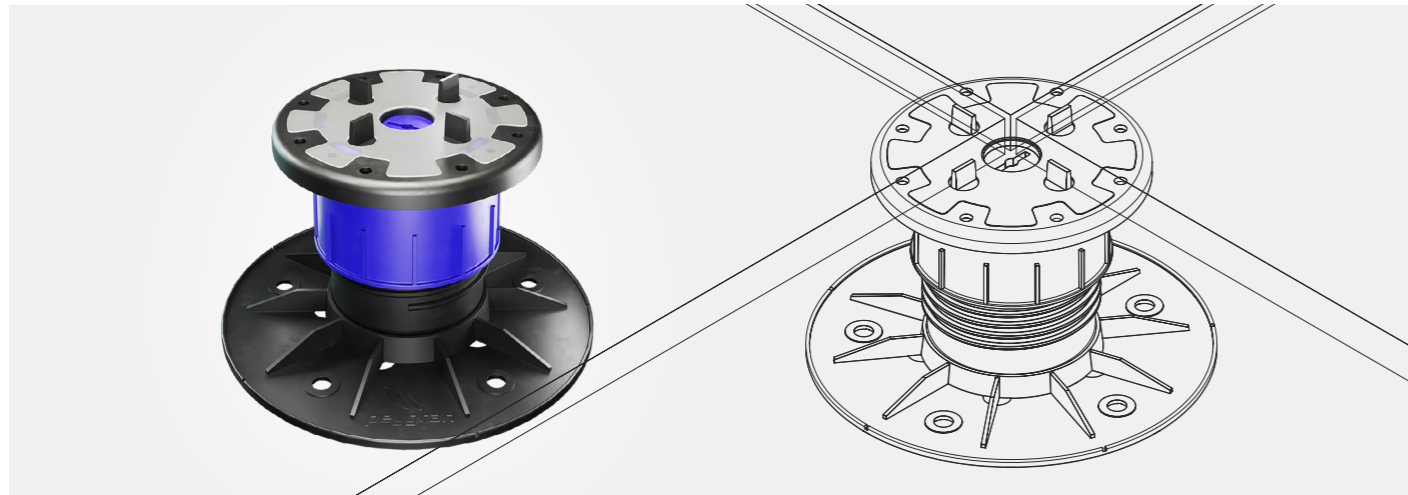
XSP2 lite

- 33 mm Minimum height
- 40 mm Maximum height
- ± 1mm Tolerance
- 155 ± 5 mm Upper diameter
- 220 mm Lower diameter

- 215 g Weight
- 6,1 kN Central load [kN] limit
- 4,8 kN Partial load [kN] about 1/4
- 40 a 65 C° Operation temperature
- 4 mm Clearance between slabs
- 0% a 3% Base tilt
- 7 mm Screw pitch

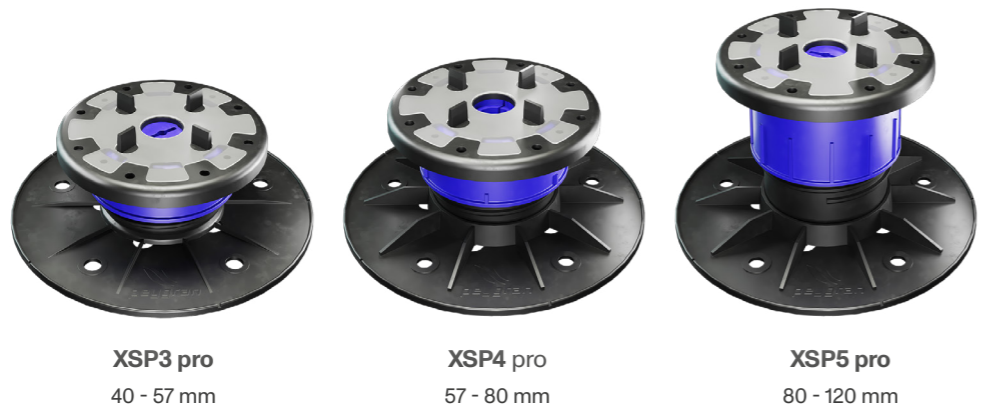


XSP pro™



The XSP Pro models feature a levelling key that allows height adjustment after installation and the permanent locking of the plots' height.

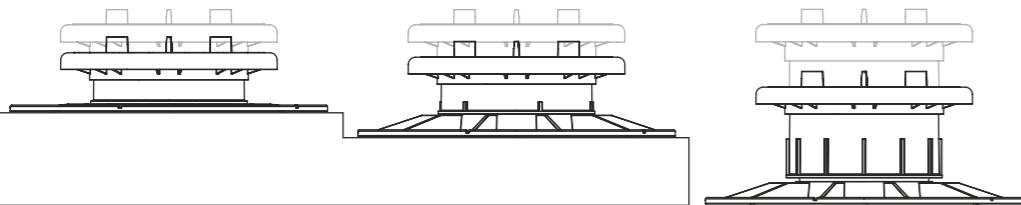
Their main advantage is the self-levelling base, which allows them to adapt to the existing slope on the installation surface. Their height range covers 40 to 245 mm.



XSP3 pro
40 - 57 mm

XSP4 pro
57 - 80 mm

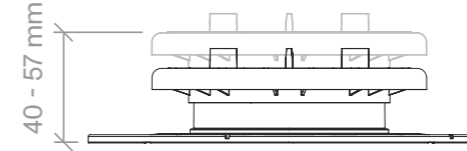
XSP5 pro
80 - 120 mm



REF.	ARTICLE	PACKING			
03080003A	XSP Pedestal 3 PRO - Box 40 - 57 mm, 3% 25 units	1	582×400×385	7,68	8436585252923
03080004A	XSP Pedestal 4 PRO - Box 57 - 80 mm, 5% 25 units	1	582×400×385	8,52	8436585252930
03080005A	XSP Pedestal 5 PRO - Box 80 - 120 mm, 5% 25 units	1	582×400×385	9,96	8436585252947

Load Limit: Values according to tests C182520 a C182529 by Instituto de Tecnología Cerámica (AICE-ITC) UNE-EN 12825:2002 Apto 5..31. According to the UNE-EN 12825 standard, it is recommended to apply a safety coefficient of 2 for private use and 3 for public use.

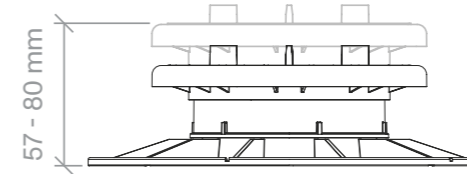
XSP3 pro



- 40 mm Minimum height
- 57 mm Maximum height
- ± 1mm Tolerance
- 155 ± 5 mm Upper diameter
- 220 mm Lower diameter

- 300 g Weight
- 5 kN Central load [kN] limit
- 2,7 kN Partial load [kN] about 1/4
- 40 a 65 C° Operation temperature
- 4 mm Clearance between slabs
- 0% a 3% Base tilt
- 7 mm Screw pitch

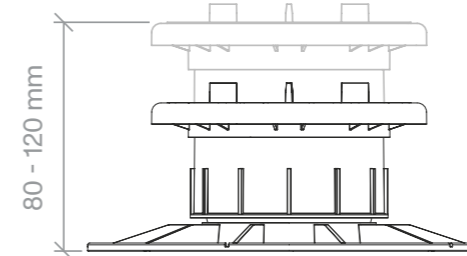
XSP4 pro



- 57 mm Minimum height
- 80 mm Maximum height
- ± 1mm Tolerance
- 155 ± 5 mm Upper diameter
- 220 mm Lower diameter

- 320 g Weight
- 7,1 kN Central load [kN] limit
- 4,0 kN Partial load [kN] about 1/4
- 40 a 65 C° Operation temperature
- 4 mm Clearance between slabs
- 0% a 5% Base tilt
- 7 mm Screw pitch

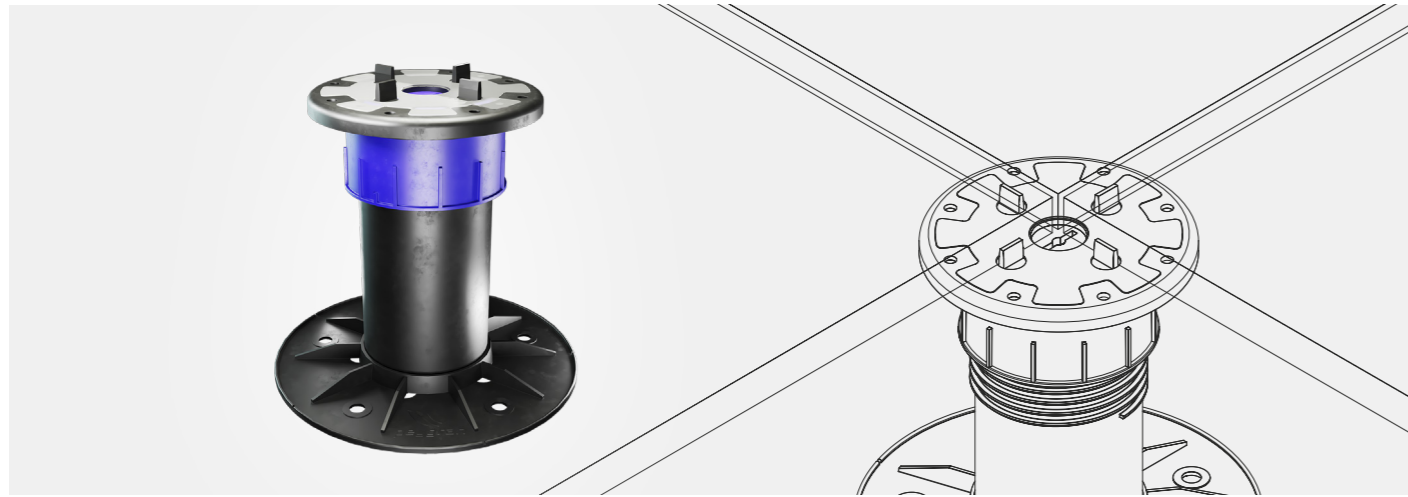
XSP5 pro



- 80 mm Minimum height
- 120 mm Maximum height
- ± 1mm Tolerance
- 155 ± 5 mm Upper diameter
- 220 mm Lower diameter

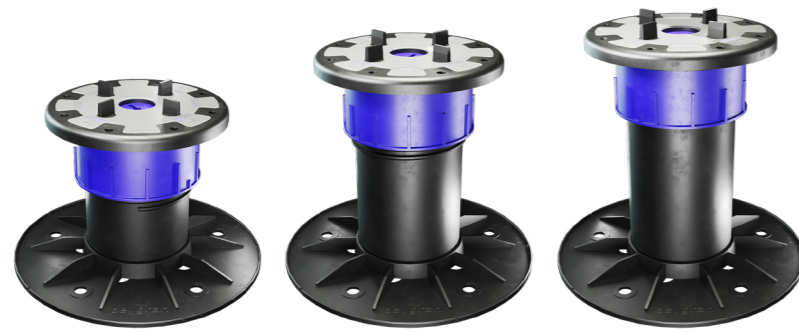
- 380 g Weight
- 7,7 kN Central load [kN] limit
- 5,5 kN Partial load [kN] about 1/4
- 40 a 65 C° Operation temperature
- 4 mm Clearance between slabs
- 0% a 5% Base tilt
- 7 mm Screw pitch

XSP pro™



The XSP Pro models feature a levelling key that allows height adjustment after installation and the permanent locking of the plots' height.

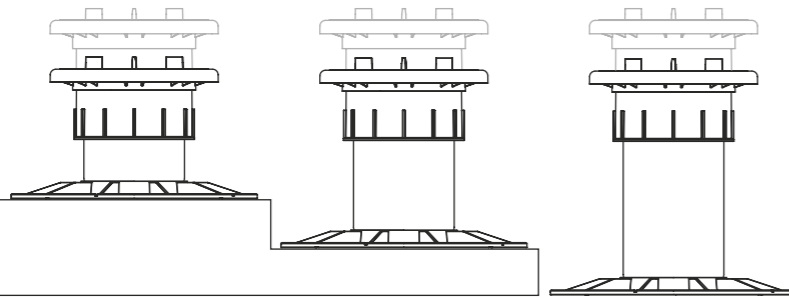
Their main advantage is the self-levelling base, which allows them to adapt to the existing slope on the installation surface. Their height range covers 40 to 245 mm.



XSP6 pro
120 - 160 mm

XSP7 pro
160 - 200 mm

XSP8 pro
200 - 245 mm

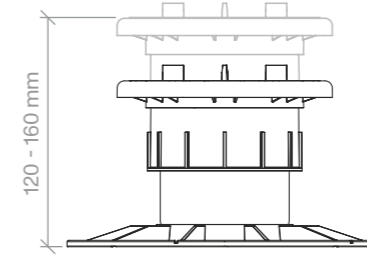


PACKING

REF.	ARTICLE				
03080006A	XSP Pedestal 6 PRO - Box 120 - 160 mm, 5% 25 units	1	586*404*608	11,02	8436585252954
03080007A	XSP Pedestal 7 PRO - Box 160 - 200 mm, 5% 25 units	1	586*404*608	11,66	8436585252961
03080008A	XSP Pedestal 8 PRO - Box 200 - 245 mm, 5% 25 units	1	586*404*608	12,98	8436585252978

Load Limit: Values according to tests C182520 a C182529 by Instituto de Tecnología Cerámica (AICE-ITC) UNE-EN 12825:2002 Apto 5..31. According to the UNE-EN 12825 standard, it is recommended to apply a safety coefficient of 2 for private use and 3 for public use.

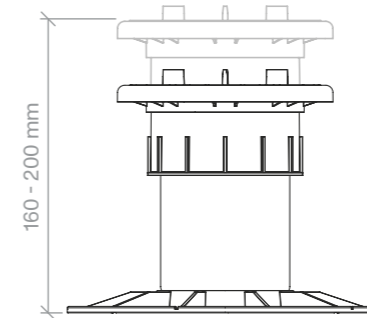
XSP6 pro



- 120 mm Minimum height
- 160 mm Maximum height
- ± 1mm Tolerance
- 155 ± 5 mm Upper diameter
- 220 mm Lower diameter

- 400 g Weight
- 8,5 kN Central load [kN] limit
- 5,7 kN Partial load [kN] about 1/4
- 40 a 65 C° Operation temperature
- 4 mm Clearance between slabs
- 0% a 5% Base tilt
- 7 mm Screw pitch

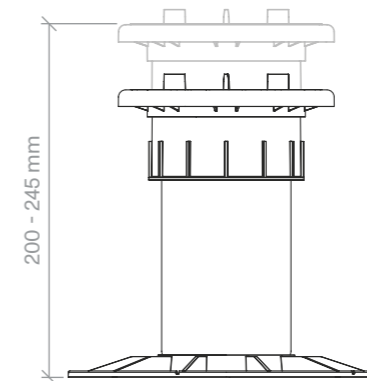
XSP7 pro



- 160 mm Minimum height
- 200 mm Maximum height
- ± 1mm Tolerance
- 155 ± 5 mm Upper diameter
- 220 mm Lower diameter

- 425 g Weight
- 8,0 kN Central load [kN] limit
- 5,5 kN Partial load [kN] about 1/4
- 40 a 65 C° Operation temperature
- 4 mm Clearance between slabs
- 0% a 5% Base tilt
- 7 mm Screw pitch

XSP8 pro



- 200 mm Minimum height
- 245 mm Maximum height
- ± 1mm Tolerance
- 155 ± 5 mm Upper diameter
- 220 mm Lower diameter

- 450 g Weight
- 8,2 kN Central load [kN] limit
- 5,4 kN Partial load [kN] about 1/4
- 40 a 65 C° Operation temperature
- 4 mm Clearance between slabs
- 0% a 5% Base tilt
- 7 mm Screw pitch



CALCULATOR Peygran

Automatically calculate the pedestals you need.

Our application offers the possibility to estimate the quantity and type of supports you will need for your raised pavement project.

You can easily define the tile size, joint thickness, or whether the support is point load or on battens.

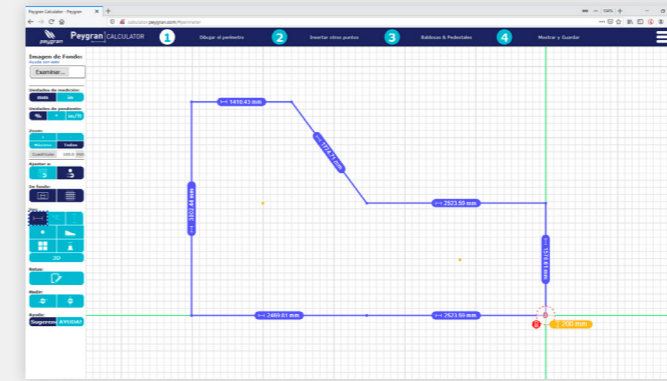
www.peygran.com

1. Number of Plots needed
2. Plot model required
3. Plots and flooring layout.
4. Area drawings.
5. Slopes drawings.
6. General project drawings.



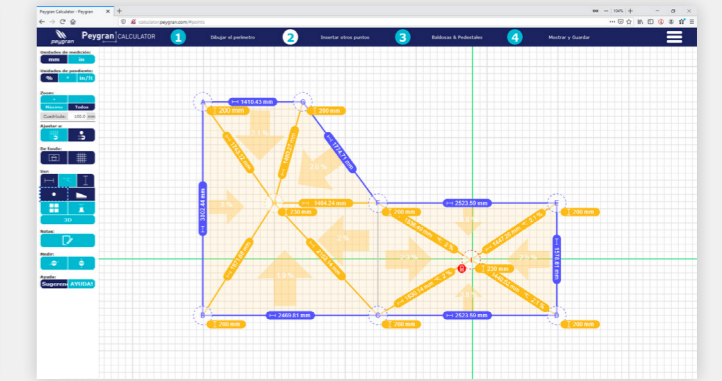
1 Defining the perimeter

Data entry is done in an intuitive way. Starting with the perimeter, which can be defined using the measurements on each side or if a drawing is available, the application allows loading the floor plan and scale it to trace the perimeter by designating the intersections.



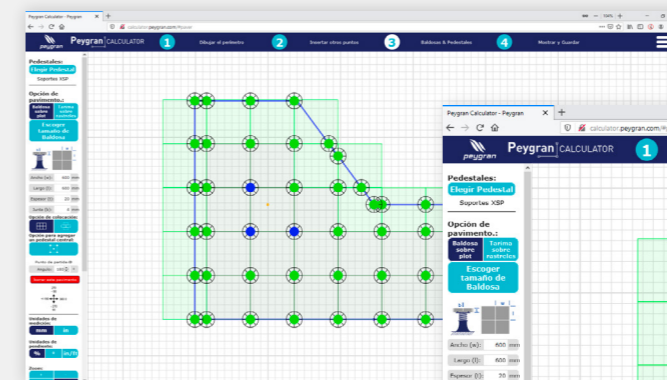
2 Forming slopes

Once the perimeter is defined, the draining points are designated. The level or height shall be defined between the support surface and the finished floor at each intersection and at the draining points. The application will automatically calculate the slopes and generate the intersections between them.



3 Selecting the flooring

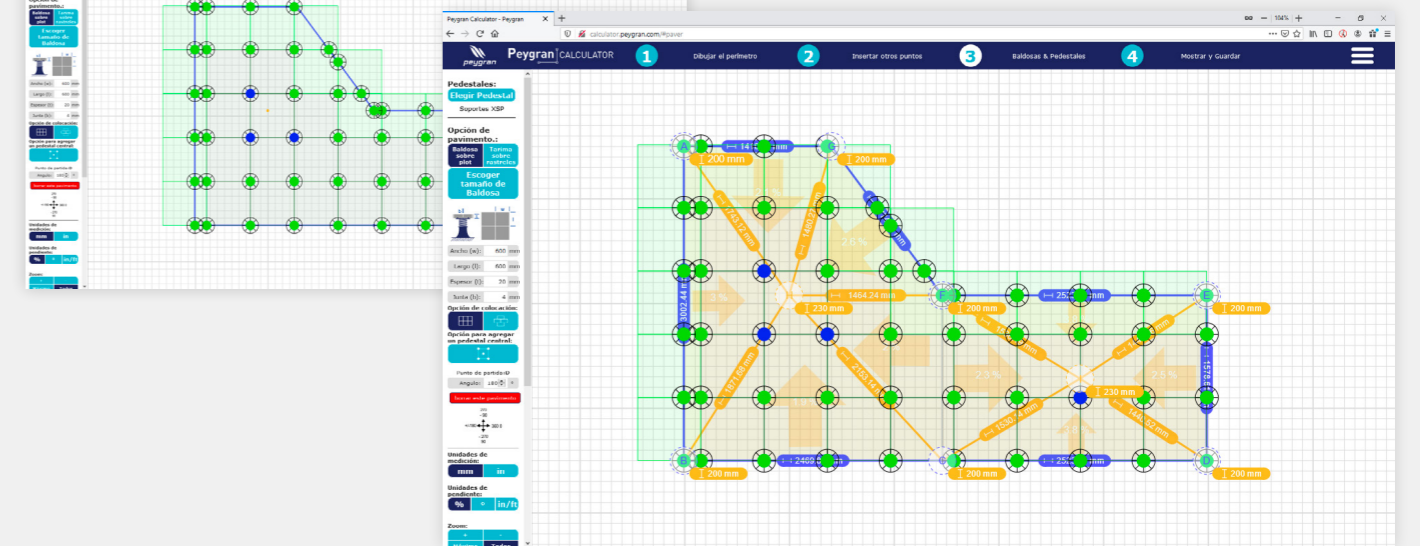
We can define the geometry of the tile to be used, its thickness, the joint between them and their placement, which can be an aligned or a staggered joint. It enables setting out the origin of the approach, which can be changed effortlessly to easily check the option that offers the best material use.



4 Exporting the data

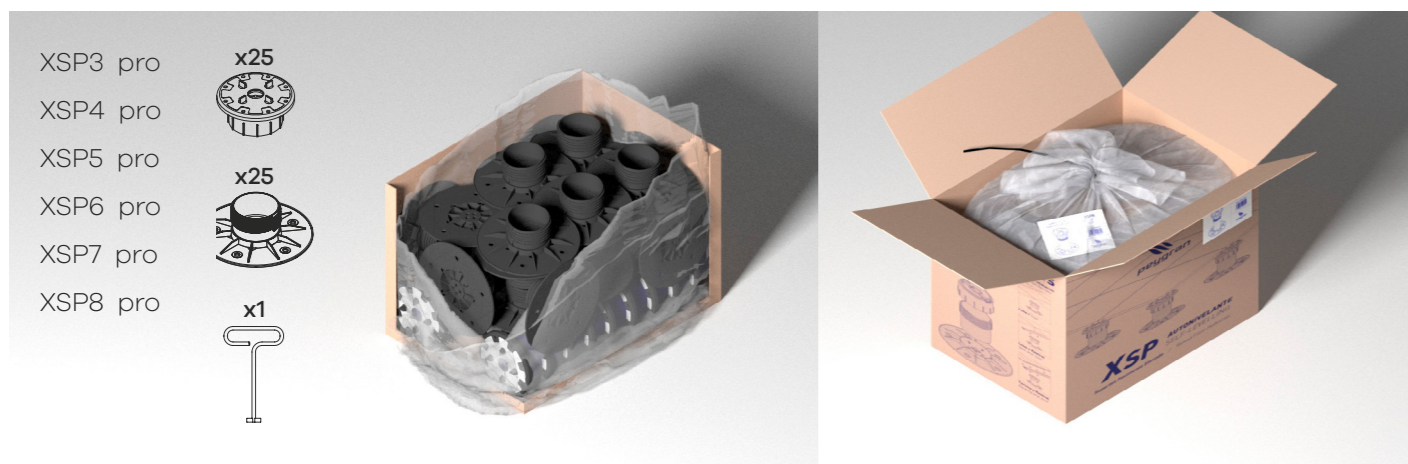
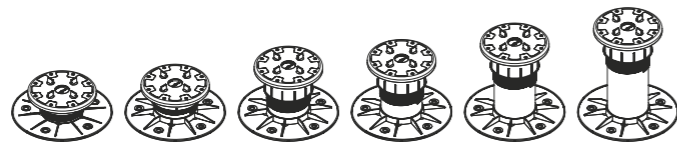
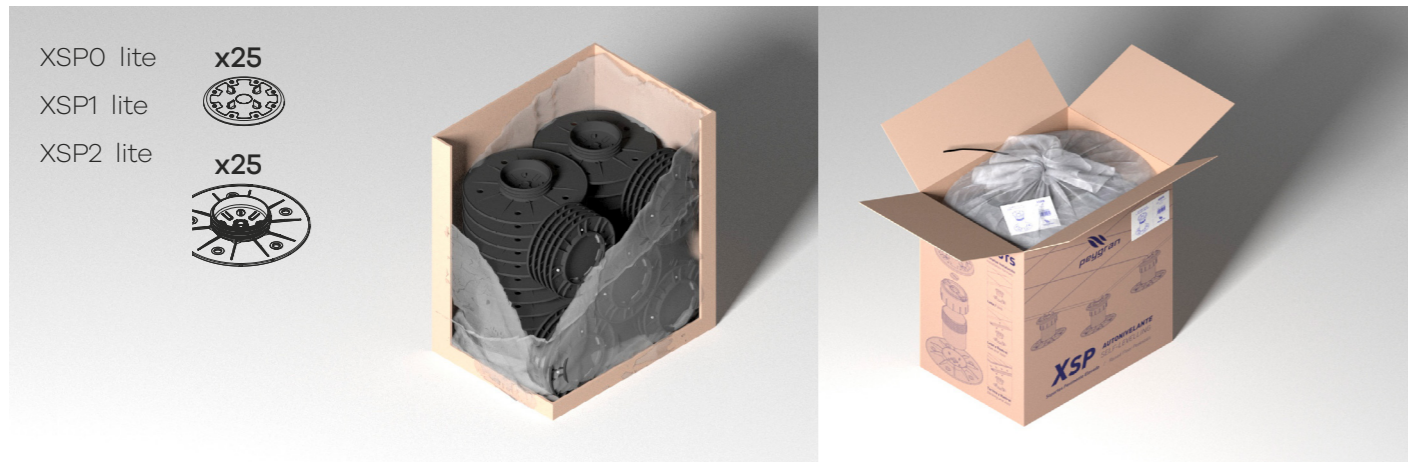
Once the project is finished, we can keep it for future reference or modifications and save it in a PDF format. The application generates a graphic and numerical information output in such a way that it identifies the type of plots in order to make the assembly easier, and numerically quantifies how many of each we will need in a table format.

The relationship between the geometric and quantitative location is simplified using colour coding.



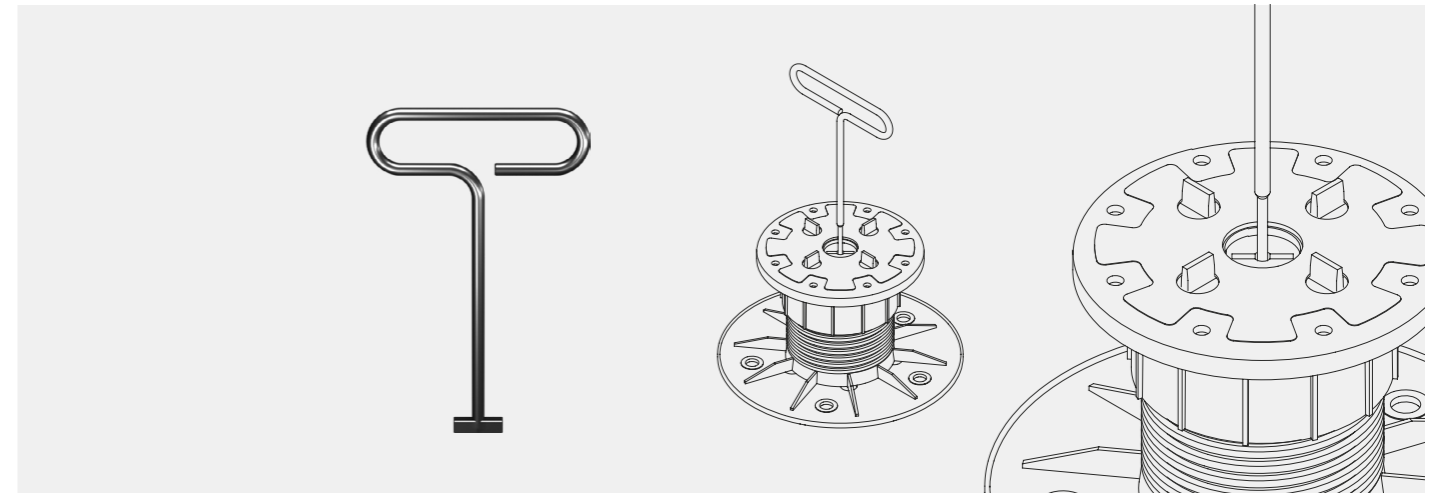
Duo pack

Double packing,
box and bag



REF.	ARTICLE	PACKING			
03080010A	XSP Pedestal 0 LITE - Box 21 - 27 mm, 3% 25 units	1	395x295x450	5,22	8436585252985
03080011A	XSP Pedestal 1 LITE - Box 27 - 33 mm, 3% 25 units	1	395x295x450	5,34	8436585252992
03080012A	XSP Pedestal 2 LITE - Box 33 - 40 mm, 3% 25 units	1	395x295x450	5,44	8436585253005
03080003A	XSP Pedestal 3 PRO - Box 40 - 57 mm, 3% 25 units	1	582x400x385	7,68	8436585252923
03080004A	XSP Pedestal 4 PRO - Box 57 - 80 mm, 5% 25 units	1	582x400x385	8,52	8436585252930
03080005A	XSP Pedestal 5 PRO - Box 80 - 120 mm, 5% 25 units	1	582x400x385	9,96	8436585252947
03080006A	XSP Pedestal 6 PRO - Box 120 - 160 mm, 5% 25 units	1	586x404x608	11,02	8436585252954
03080007A	XSP Pedestal 7 PRO - Box 160 - 200 mm, 5% 25 units	1	586x404x608	11,66	8436585252961
03080008A	XSP Pedestal 8 PRO - Box 200 - 245 mm, 5% 25 units	1	586x404x608	12,98	8436585252978

XSP Adjusting Key

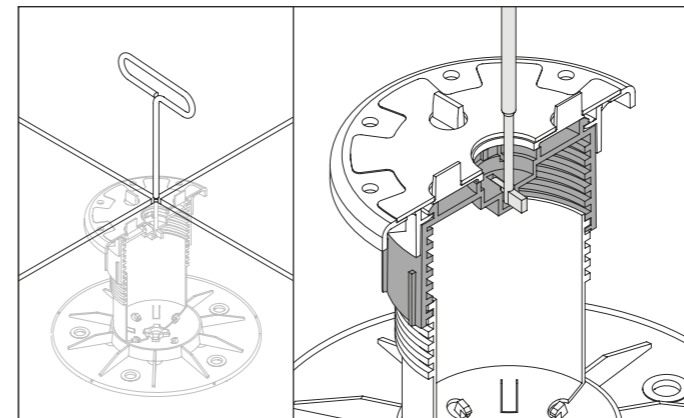


Additional tool for the XSP Pro. This key can be used to adjust the height of this pedestal model, even when the installation has been completed and with the slabs in place. Also used to lock the height of the XSP Pro.

*It is recommended not to step on the slabs placed over the pedestal being adjusted. This action is more effective if one of the slabs is removed.

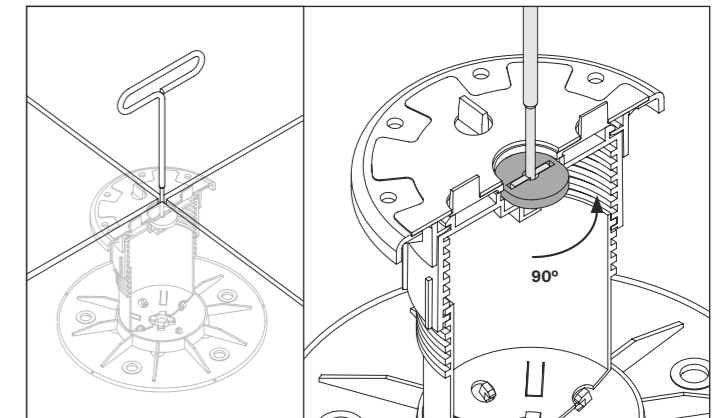
HEIGHT ADJUSTMENT

Only for XSP PRO models



HEIGHT LOCK

Only for XSP PRO models



REF.	ARTICLE	PACKING			
03081001Z	XSP Adjusting Key	-	-	-	8436585252718

Joint Perimeter



Polyamide

This allows you to create edge joints, preventing the tiles from moving freely but allowing space for deformations due to expansion.

Its use is recommended when installing panels with lengths of 5 metres or less.

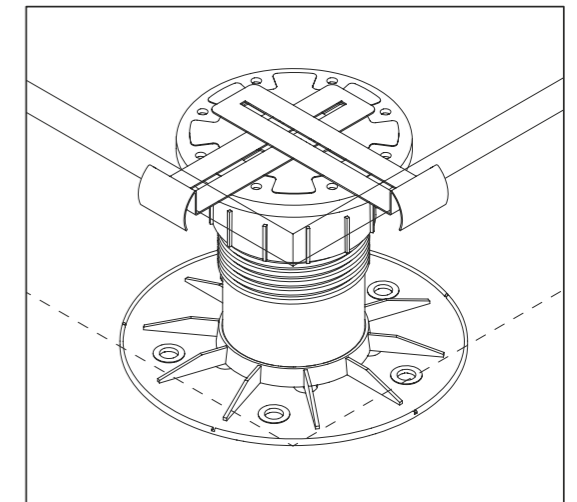
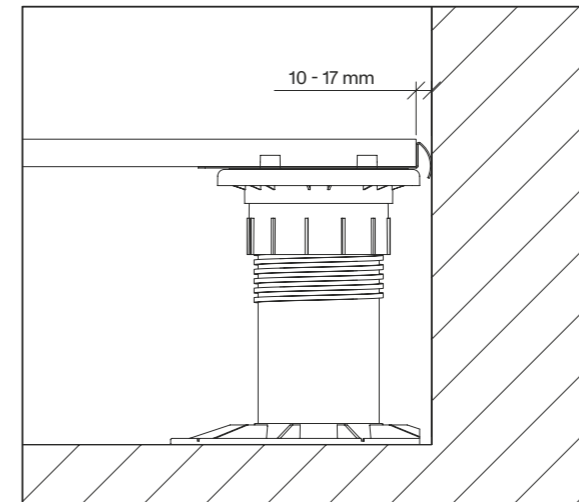
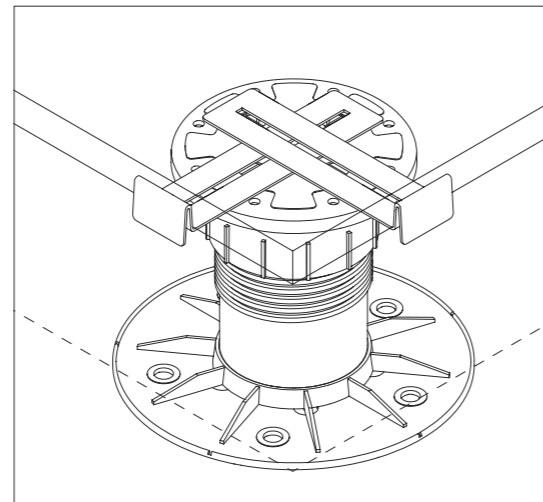
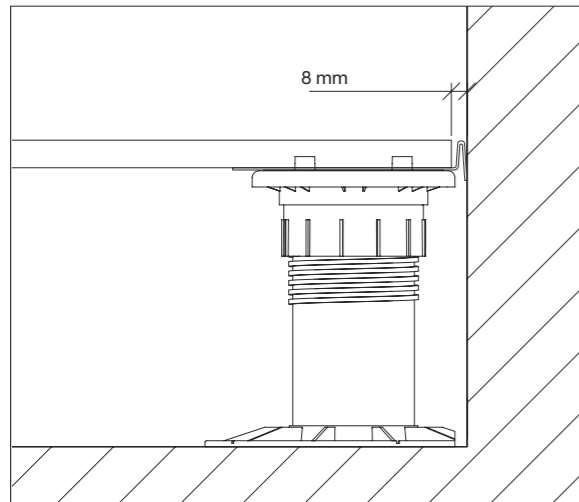
Dilator Perimeter INOX



AISI 316 steel

This allows you to create edge expansion joints, preventing the tiles from moving freely but allowing space for deformations due to expansion. It can be used in all installations but this model is recommended for installations

where the length of the panel is more than 5 metres.



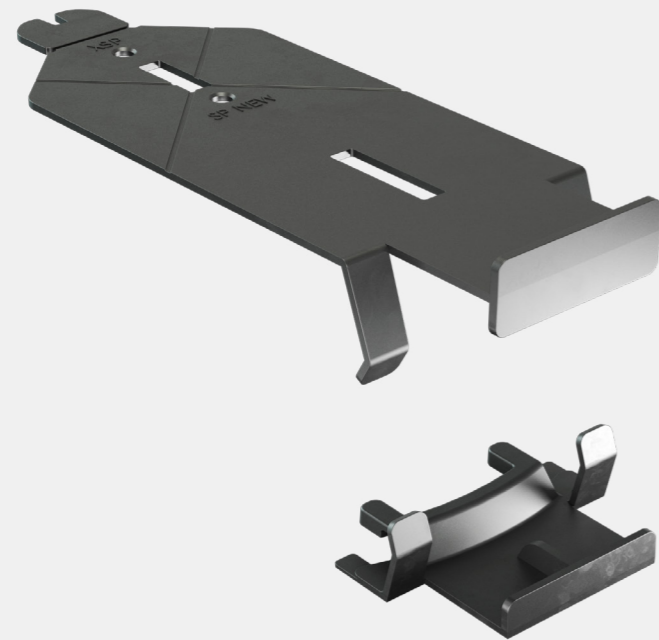
REF.	ARTICLE
03181811A	Accessories PE. Joint Perimeter 10 units

PACKING			
Quantity	Dimensions (mm)	Weight (kg)	Barcode
38	395x295x450	11,58	8436585254187

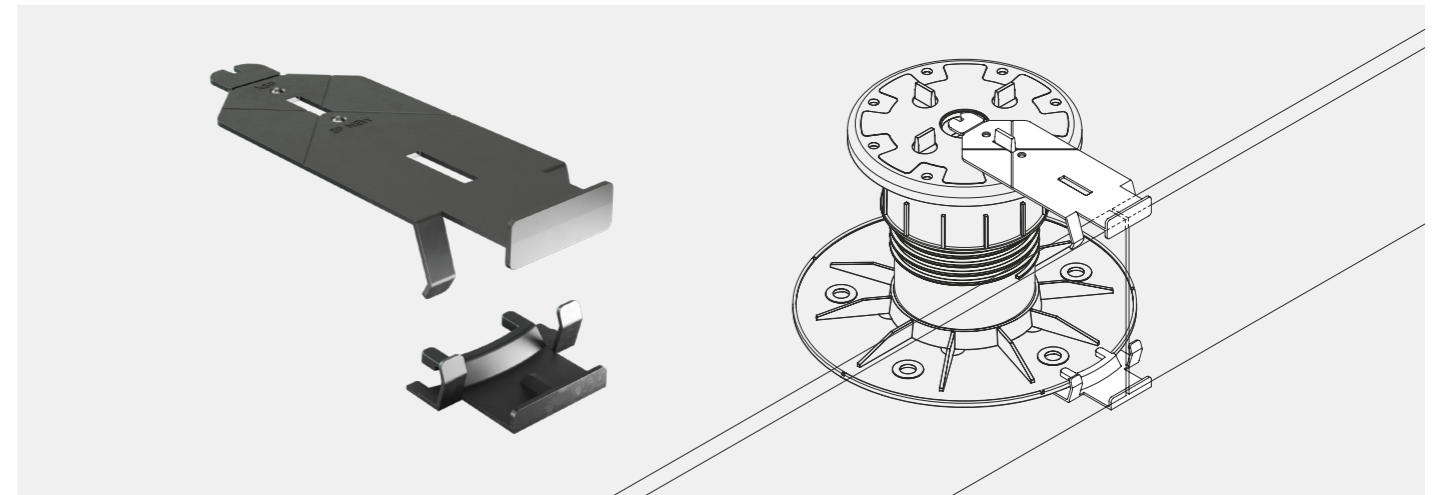
REF.	ARTICLE
03040133Z	Accessories PE. Dilator Perimeter INOX 1 unit

PACKING			
Quantity	Dimensions (mm)	Weight (kg)	Barcode
250	395x295x450	14,93	8436585251599

Closing Vertical PA

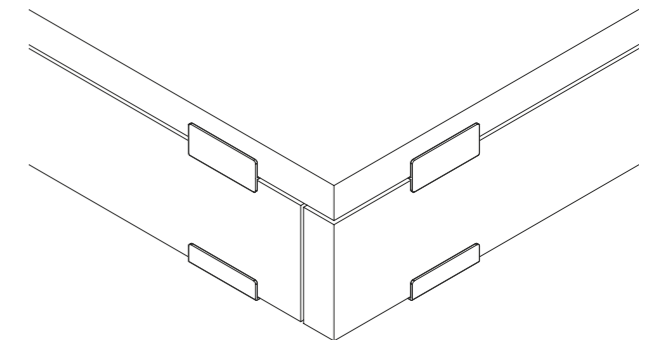
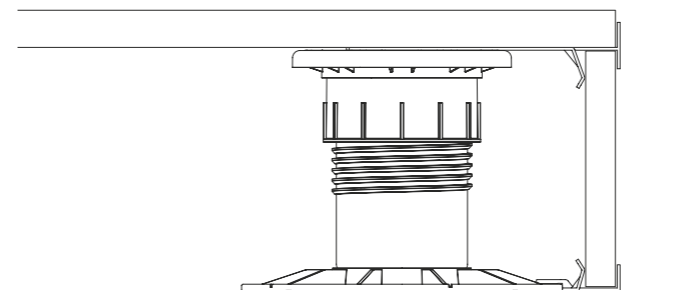
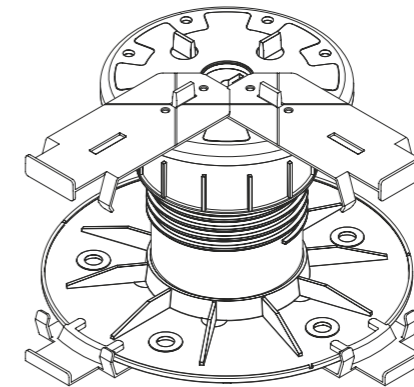


Closing Vertical PA



The Vertical Enclosure kit allows you to create a vertical panel or partition between the support base and the tiles. It is only compatible with tiles that are 18 - 20 mm thick. The Vertical Enclosure allows the tiles to be fixed in place, preventing them from moving sideways. The Vertical Enclosure's tiles and pedestals must be

supported on a stable base. Composed of two parts: upper clip and lower clip. Not compatible with the BSP slope regulator.



REF. ARTICLE

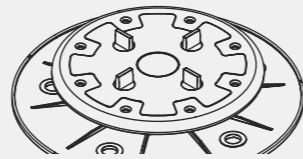
03181804A Accesories PE. Closing Vertical PA 10 units

PACKING



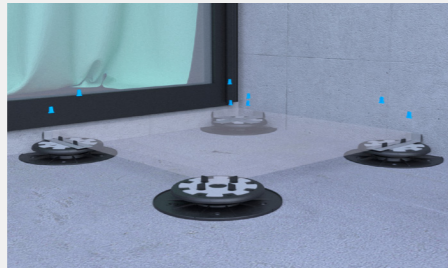
1 395x295x450 - 843658525418

How to use - XSP lite™



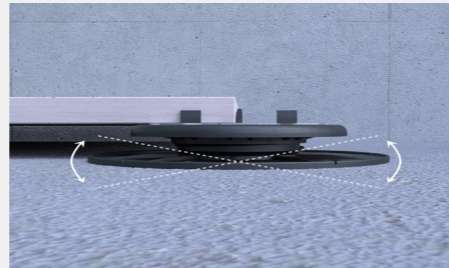
1° Cut the bases for the edges and the corners

Cut the base to adjust the pedestal position as close as possible to the edge using the base cutting guides.



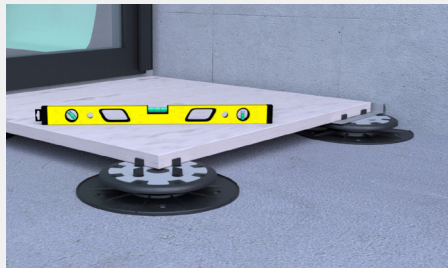
2° Remove the edge and corner spacers

Remove the four spacers in the pedestals located in corners and two parallel spacers in the pedestals located at the edges.



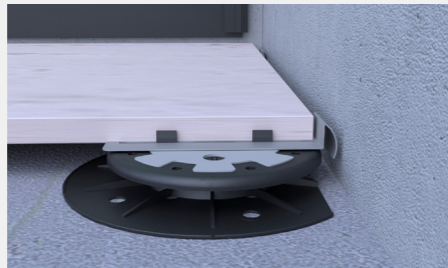
3° Self-levelling base

The bases allow correcting up to a 3% of the tilt.



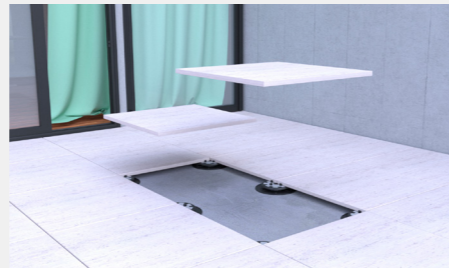
4° Slab levelling

Rotate the base clockwise to lift the slab and anticlockwise to lower it, until levelled.



5° Create the edge trim seal

Use the perimetral dilators (accessory) to create edge trim seals and allow the expansion of the slabbed surface without transferring any tension to the perimetral parameters.



6° Removable floor

Finally, we get a fully removable surface that allows access to lower facilities such as sumps, electrical wiring, pipes, etc.

MODE OF USE

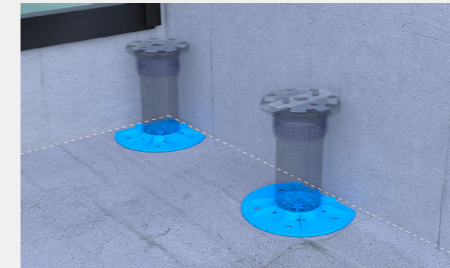
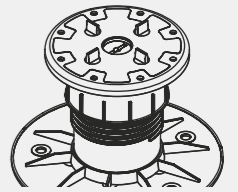


The design and installation of an outdoor raised floor must be carried out in accordance with the provisions set for in the European Standard UNE EN 12825:2002, as they serve the basis for the functionality of Peygran's Raise Floor Pedestals. It is recommended to use only rigid slabs with specific features for a raised floor and to keep the clearance between supports recommended by the slab manufacturer according to each respective use. The design of raised floors must be carried out in a way that guarantees a limitation of the horizontal movement of the floor. Use perimeter dilators when joining to panels or walls in order to prevent potential horizontal sliding. If there are open sides, ensure the pedestal assembly is properly attached to the floor where possible, or by adding stiffening elements such as metallic profiles or masonry linear supports. Immobilising the floor perimeter

must be ensured, otherwise the assembly could become unstable and collapse. In areas with a seismic hazard of 4, the raised floor height must not exceed 250 mm.

For inverted decking, an XSP series with a larger support surface is recommended. Conversely, it is not advisable to support the pedestals directly on the thermal insulation when the decking is intended for a heavy duty. In such cases, it is advisable to use a structural concrete topping over the insulation. For any other scenario, the recommendation is to use a CS(10)500 insulation type (500 KPa of minimum resistance to compression according to EN 826) and a DLT(2)2 insulation type (2% maximum deformation under load and temperature according to EN 1605).

How to use - XSP pro™



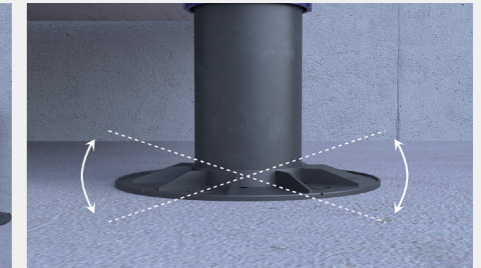
1° Cut the bases for the edges and the corners

Cut the base to adjust the pedestal position as close as possible to the edge using the base cutting guides.



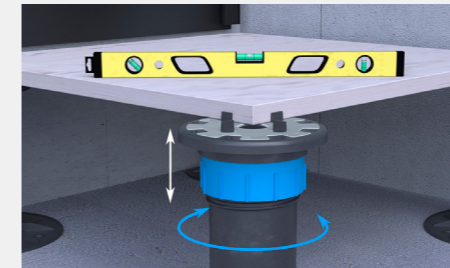
2° Remove the edge and corner spacers

Remove the four spacers in the pedestals located in corners and two parallel spacers in the pedestals located at the edges.



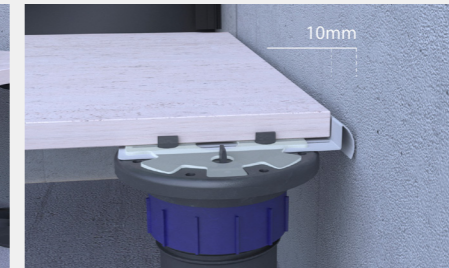
3° Self-levelling base

The bases allow correcting up to a 3 or 5% of the tilt depending on the model.



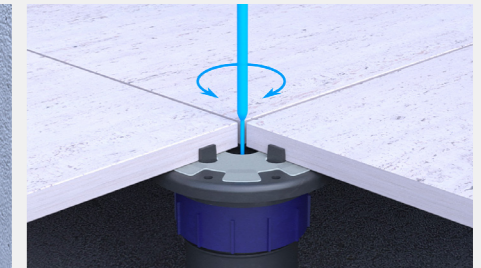
4° Slab levelling

Rotate the blue nut clockwise to lower the slab and anticlockwise to lift it, until levelled.



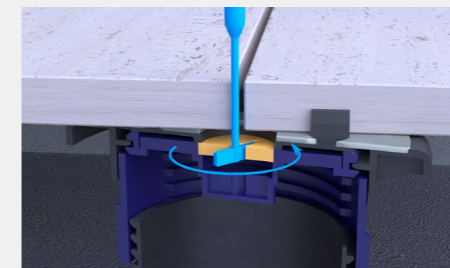
5° Create the edge trim seal

Use the perimetral dilators (accessory) to create edge trim seals and allow the expansion of the slabbed surface without transferring any tension to the perimetral parameters.



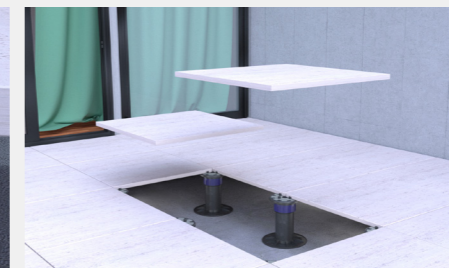
6° Adjust height with mounted floor

Once the installation is completed, it is possible to adjust the pedestal height with the key to readjust that the floor is flush. *It is recommended not to step on the slabs placed over the pedestal being adjusted.



7° Pedestal locking

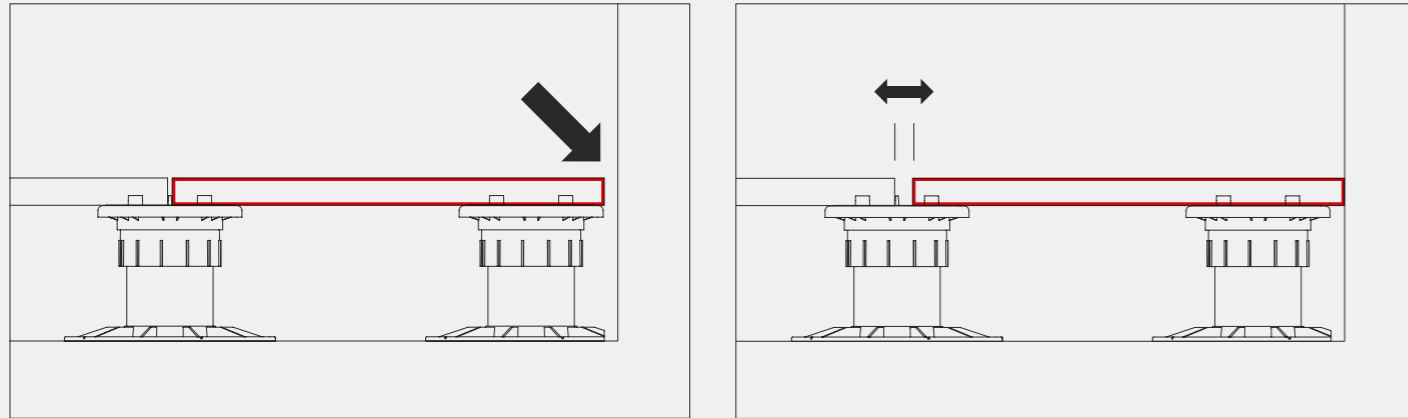
Raise the key to the intermediate position, rotate a quarter of a turn to lock the pedestal height and reduce maintenance adjustments.



8° Removable floor

Finally, we get a fully removable surface that allows access to lower facilities such as sumps, electrical wiring, pipes, etc.

Installation



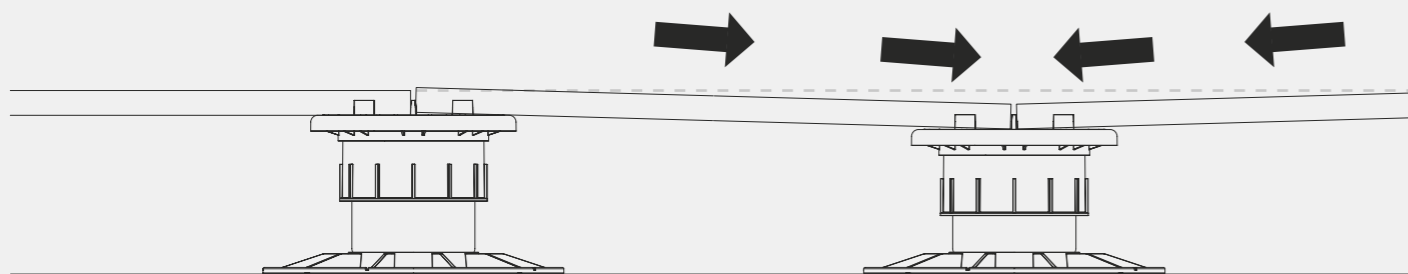
OPEN EDGES WITHOUT DILATORS

The perimeter of the tiles must be perfectly confined to avoid horizontal sliding. Perimeter dilators or elastic joints must be used to prevent such movement, always avoiding leaving open joints.



SLOPE CORRECTION AT BASE OR HEAD

Prevents small steps from appearing on the pavement surface by correcting the slope at the plot's base or head.



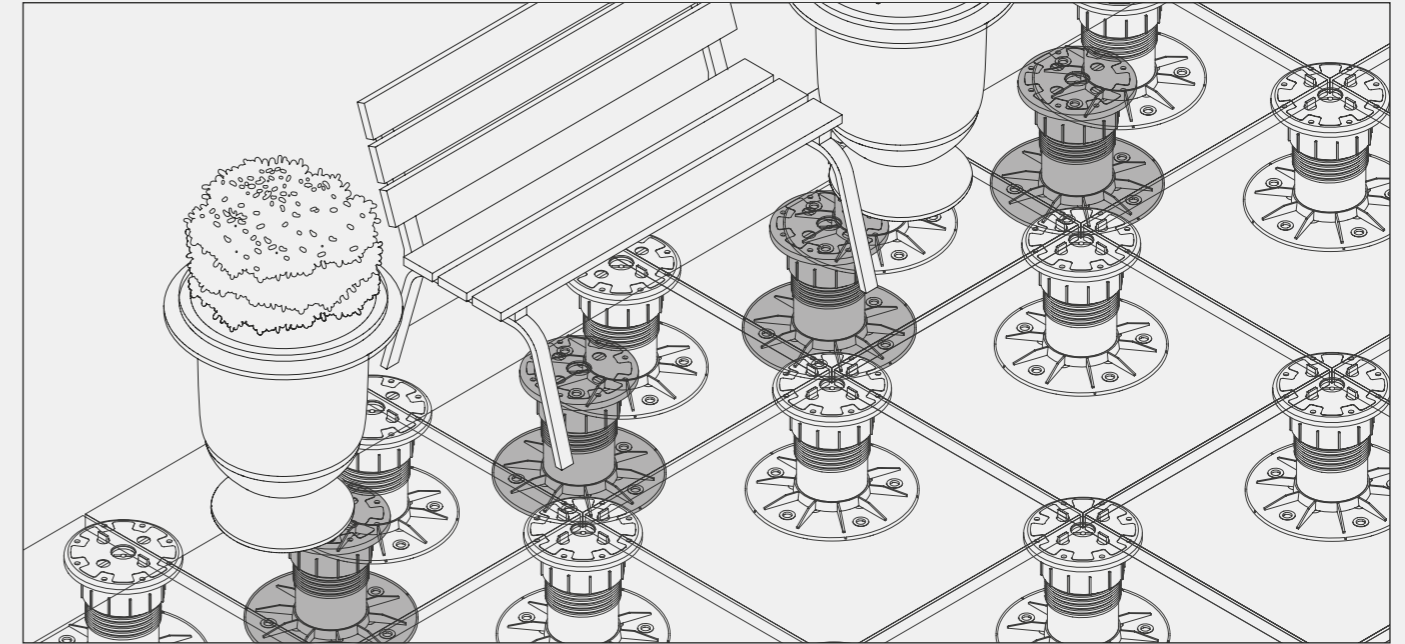
PLOT HEIGHT LOCK

Prevents undesired movement of the plot due to vibrations over time. Reduces the maintenance needed for the installation.

XSP Features

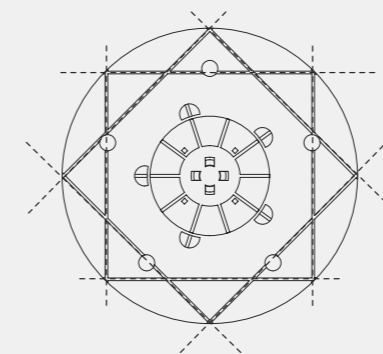
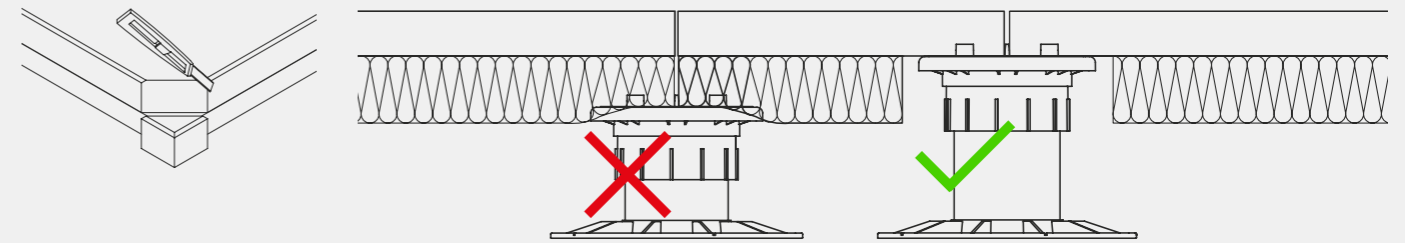
Central pedestal with extra weight

When working with punctual loads, it is possible to use a central pedestal layout or to increase the number of pedestals based on the load geometry. The rated load and the pedestal layout must follow the recommendations of the selected slab manufacturer at all times.



Using slabs with insulation

Do not rest slabs with insulation directly on the pedestals. An open joint between slabs will cause the camera to be ventilated and this will invalidate the effect of the insulation. XPS-type insulation experience deformation in the long term and rims may appear. It is advisable to cut the insulation corner to ensure that the slab has an adequate rigid support on the pedestal.



COURT



Ø 220 mm

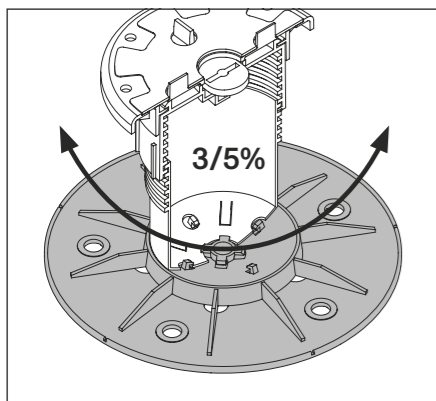
Base cutting

The lower side of the base is embossed to define the base cutting lines that can be used to adjust the size of the pedestals when installed near edges and corners.

The slabs should not overhang more than 5 cm to prevent them from overturning when stepping on an overhung edge.

XSP Features

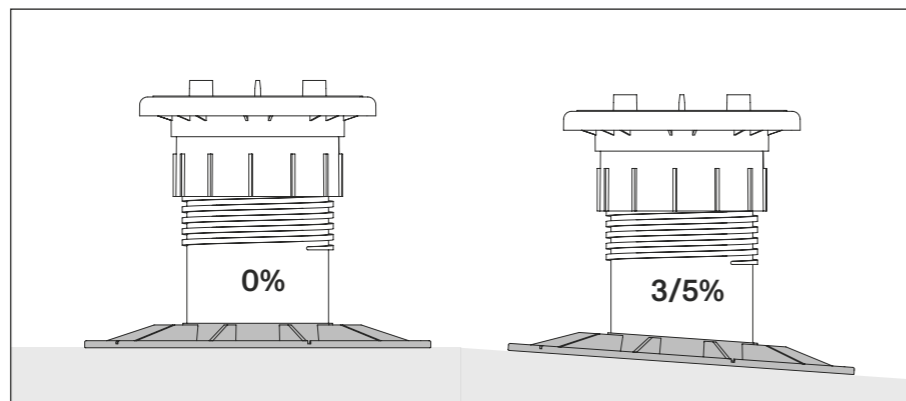
SELF-LEVELLING BASE



XSP pedestals include a self-levelling base capable of offsetting a tilt of 3-5% depending on the model:

- 3% Tilt: XSP0, XSP1, XSP2 and XSP3.
- 5% Tilt: XSP4, XSP5, XSP6, XSP7 and XSP8.

Application over thermal insulation (inverted decking): It is not advisable to support the pedestals directly on the thermal insulation when the decking is intended for a heavy duty. In such cases, it is advisable to use a structural concrete topping over the insulation.



For any other scenario, the recommendation is to use a CS(10)500 insulation type (500 KPa of minimum resistance to compression according to EN 826) and a DLJ(2)2 insulation type (2% maximum deformation under load and temperature according to EN 1605).

Application over waterproofing coatings: XSP pedestals do not damage asphalt and tar coatings. However, the National Association of Waterproofing Asphalt Coatings (ANFI, as per the Spanish acronym) recommends using a desolidifying layer and a

puncture resistant separating and protection layer (geotextile felt) between the waterproofing coating and the pedestal. This recommendation must be followed for any other waterproofing materials.

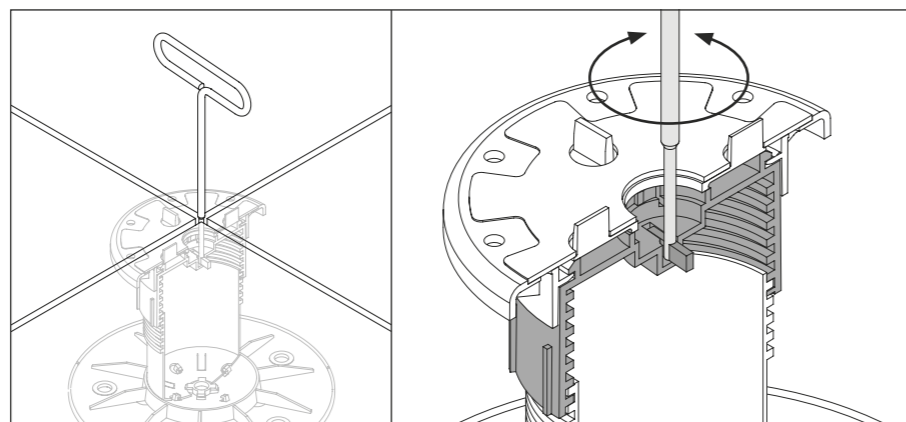
DOUBLE ADJUSTMENT SYSTEM

Adjust the pedestal height during assembly by turning the floating nut (blue) clockwise to lower it and anticlockwise to lift it.

Maintenance adjustments using the adjusting key:

Models XSP3, XSP4, XSP5, XSP6 and XSP7 can be set at the same height as the already installed slabs using the XSP Key. **Models XSP0, XSP1 and XSP2 do not support this function.**

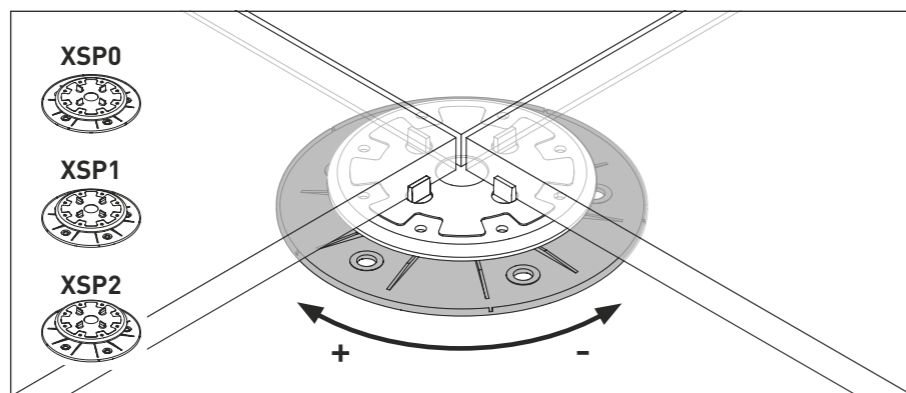
To adjust the height, insert the XSP Key between the slab joints, turn it under them until it passes through the groove in the height locking disc, then, going beyond the locking disc, repeat this action turning the Key under the locking disc until the Key reaches the groove in the floating nut. Adjust the pedestal height by turning the floating nut clockwise to lower it and anticlockwise to lift it. Do not make the adjustment with the Key while



stepping on the slabs supported on the pedestal to be adjusted.

HEIGHT ADJUSTMENT XSP0 LITE, XSP1 LITE AND XSP2 LITE

As mentioned above, the height of models XSP0, XSP1 and XSP2 cannot be adjusted using the floating nut, manually or with the Key, as they do not include this part due to their reduced height. Instead, it will be necessary to hold the head and turn the base in either direction for the height to be increased or reduced, as necessary.



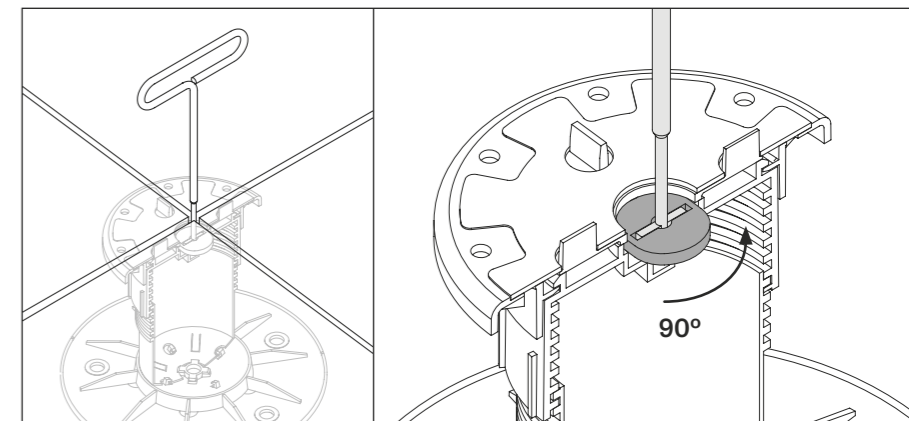
XSP Features

HEIGHT LOCK

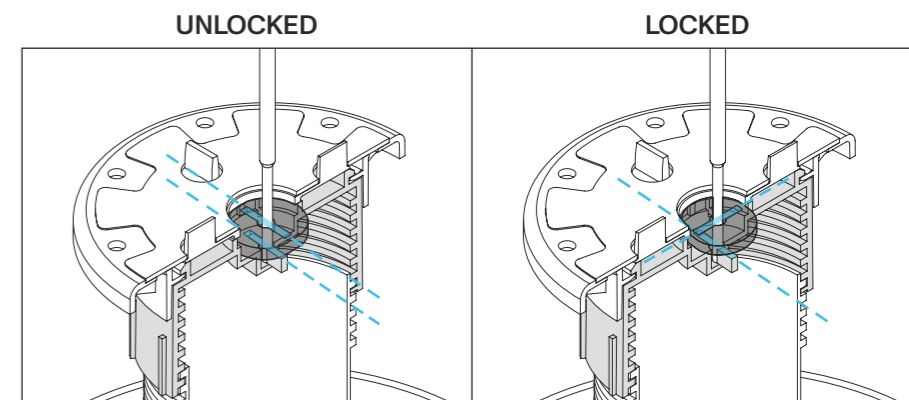
Once the installation and necessary adjustments have been completed, the XSP pedestal head can be locked on the floating nut, preventing it from turning and reducing the need for later maintenance.

Models XSP0, XSP1 and XSP2 do not include this option.

To lock the XSP PRO pedestals, insert the Key between the slab joints, turn it under them until it gets inserted in the height locking disc groove, then, turning the Key 90° anticlockwise will lock the floating nut. To unlock, turn 90° in the opposite direction.



The head locking grooves are aligned when the pedestal is unlocked, so the Key can be inserted through the lock to reach the levelling groove directly. When the pedestal is unlocked, the grooves are not aligned.



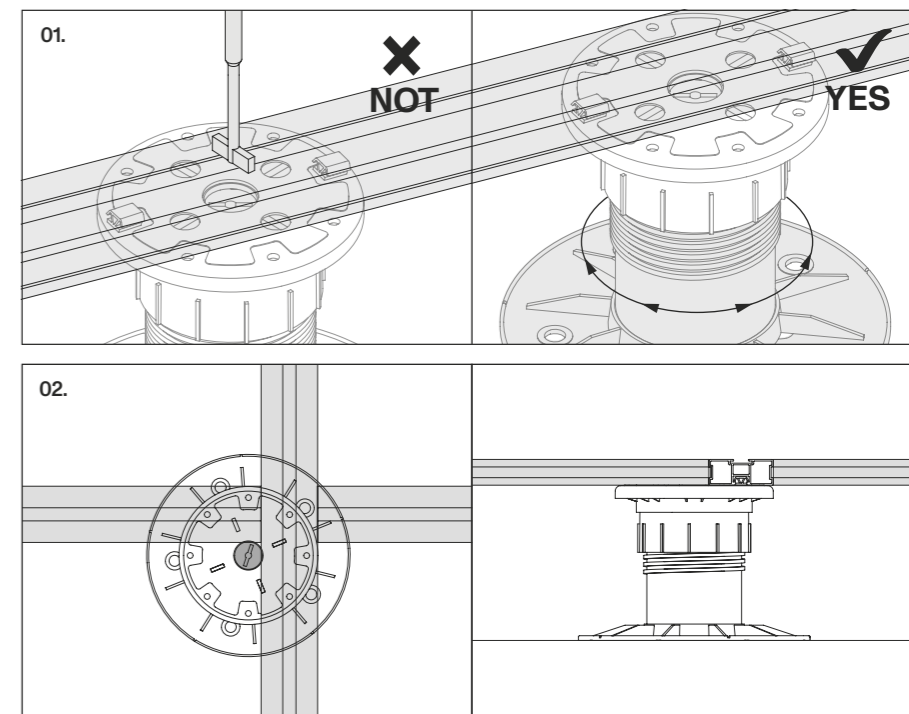
LOCKING WITH AN ALUMINIUM JOIST

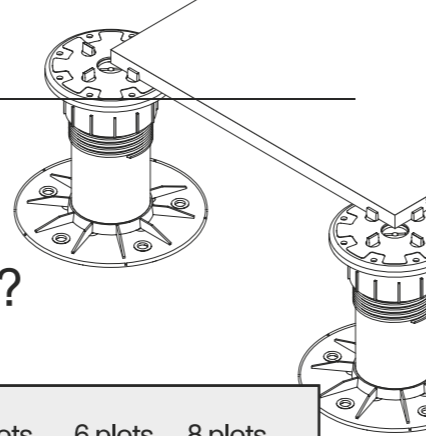
There are two options available to install the XSP with an aluminium joist.

01. Mounting an XSP with a joist requires locking the head previously, as the grooves will be covered, and the joist will not be able to reach them. Adjusting the pedestal height can be achieved by turning the body and base assembly not affected by the lock joining just the floating nut and the head.

1. Lock the XSP
2. Clip the aluminium joist
3. Adjust the XSP height by turning the body and base assembly.

02. To adjust the pedestal height and lock it once the installation is completed, it will be necessary to carry out an installation with an off-centre joist to allow final adjustments after all the joists and the floor are mounted.





How many pedestals do you need?

Tile format	4 plots	5 plots	9 plots
450 x 450	5,8	NO	NO
500 x 500	4,4	8,5	NO
600 x 600	3,2	6,1	NO
750 x 750	NO	4,9	7,8*
900 x 900	NO	NO	5,8*
1.200 x 1.200	NO	NO	3,2*

Tile format	4 plots	6 plots	8 plots
400 x 600	4,7	NO	NO
300 x 1.200	NO	6,3	NO
400 x 1.200	NO	4,7	NO
600 x 1.200	NO	3,2	6,1
500 x 1.000	NO	4,4	NO

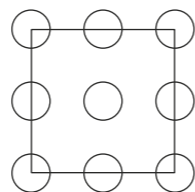
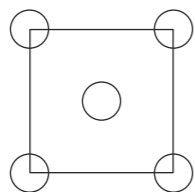
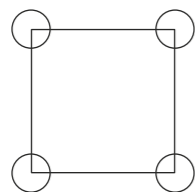
- Approximate quantity by the manufacturer.
 - Repercussion for terrace of 10x10m (100m²)
 with max. separation between pedestals of 600mm.

* Recommended installation with joist.

Recommended installation for 20 mm thick ceramic tiles:

Smaller than 60x60 private use 4 pedestals, public use 5 pedestals (central pedestal).

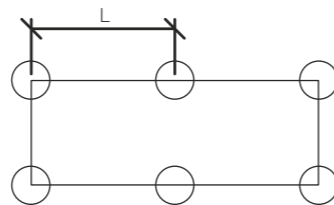
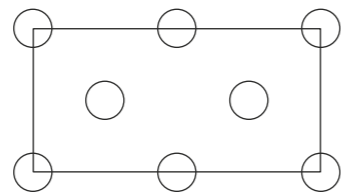
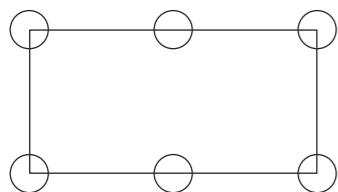
Larger than 60x60 9 pedestals in all cases.



120x60 Format: Private use module 60x60, without central plot

Format 120x60 public use module 60x60, with central plot

In any case when L < 60cm L.



DoP XSP

DECLARATION OF PERFORMANCE

	XSP0	XPS1	XSP2	XSP3	XSP4	XSP5	XSP6	XSP7	XSP8
TECHNICAL CHARACTERISTICS									
Minimum height [mm]	21	27	33	40	57	80	120	160	200
Maximum height [mm]	27	33	40	57	80	120	160	200	245
Upper diameter [mm]	155 ± 5mm								
Lower diameter [mm]	220								
Self-levelling in %	0% to 3%				0% to 5%				
Wrench adjustment	/	/	/	•	•	•	•	•	•
Height lock	/	/	/	•	•	•	•	•	•
Weight [g]	200	205	215	300	320	380	400	425	450
Central load [kN] limit ¹	13,8	9,2	6,1	5	7,1	7,7	8,5	8	8,2
Central load [kN] limit ¹ on 1/4	8,2	4,5	4,8	2,7	4	5,5	5,7	5,5	5,4
Operating temperature range	-40° to 65°C								
Distance between slabs ² [mm]	4								
Screw pitch [mm]	7								
Outdoor use	Rot proof and resistant to marine environments, chlorides and domestic detergents								

COMPOSITION

Pad	Elastomer								
Head	Mineral filled polypropylene								
Floating nut	/	/	/	Mineral filled polypropylene					
Body	Mineral filled polypropylene								
Base	Polypropylene								
Lock	/	/	/	Mineral filled polypropylene					

ACCESSORIES COMPATIBILITY

Perimeter Dilator	•	•	•	•	•	•	•	•	•
Joist Clip	•	•	•	•	•	•	•	•	•
Closing Vertical PA	/	/	/	•	•	•	•	•	•

SUPPORTED: •

NOT SUPPORTED: /

Note 1:

Limit load: AIJU/ UNE-EN 12825:2002 Section 5.3.1. Available on demand

Note 2:

4 mm separation with head with spacers by default

Note 3:

EC marking: NOT APPLICABLE. The STANDAR PEDESTALS FOR FLOATING FLOORS are not subject to any European harmonised technical requirement.



Installation with joist

Installation with aluminum joist

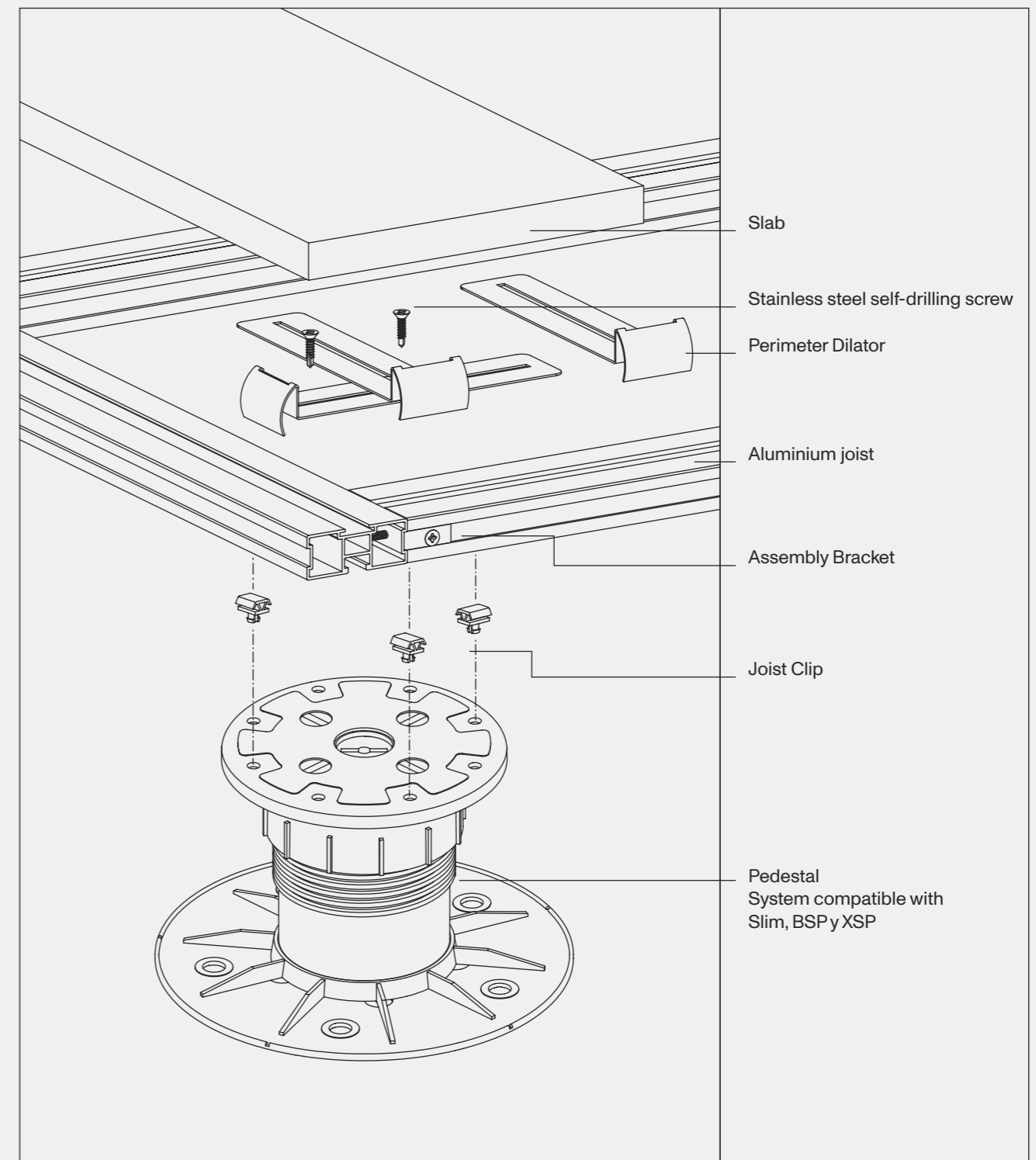
Peygran outdoors pedestals with the aluminium joist are the perfect solution for projects where a NFC, technical, raised, or removable deck is going to be used.

They are an excellent alternative to other traditional methods and allows more versatility to build the joist frame thanks to the turning clip.

It is necessary to remove the 4 spacers in the XSP head.

Compatible with
BSP, BSPV0+y XSP

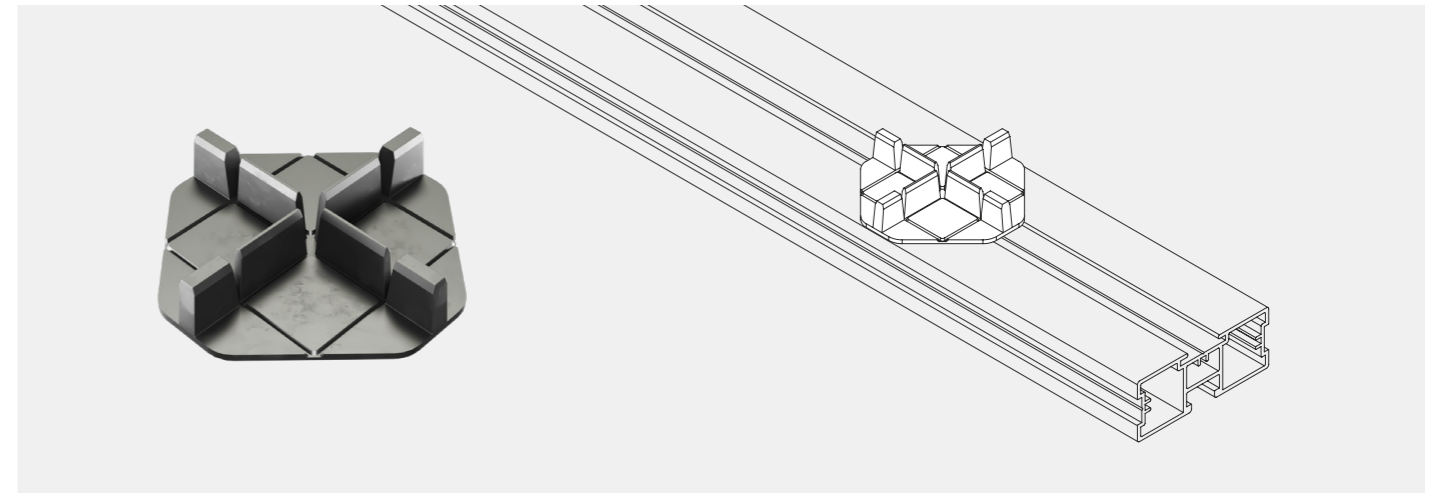
Aluminum joist for slab



Spacer Joist Slab

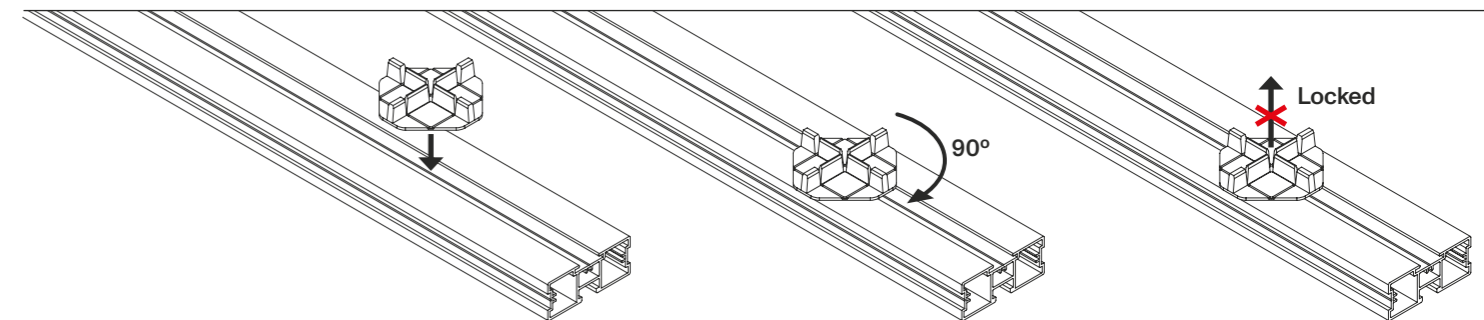
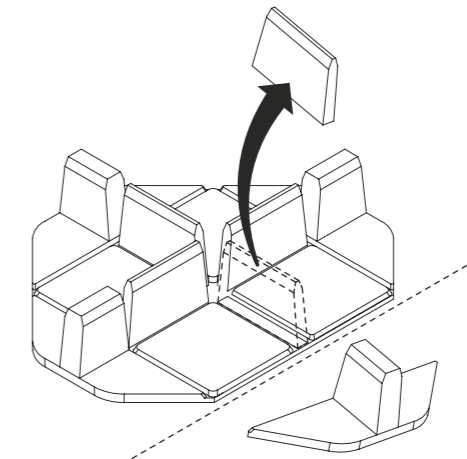
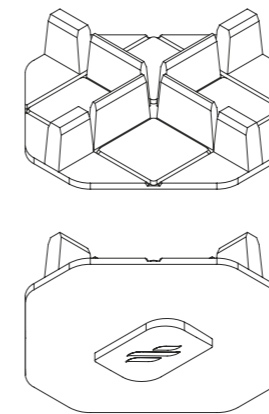


Spacer Joist Slab



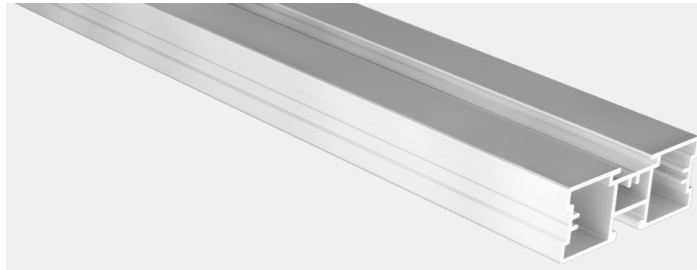
On the aluminium joist it has the function of separating the flooring.

- 2 and 4 mm separators.
- Can be spaced in I, T or X.
- Can be fixed to the joist by rotating it 90°.
- The tile rests on the crosspiece, allowing drainage and acoustic insulation.



REF.	ARTICLE
0304018B	Accesorios PE. Spacer Joist Slab X, T, I 2/4 mm 50 units

PACKING			
36	582x400x385	16,17	8436585255641



Joist Aluminium 2 m

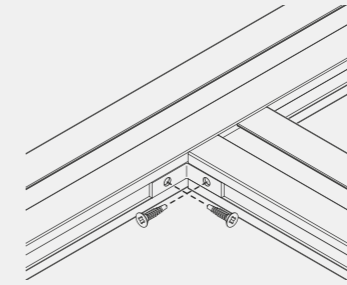
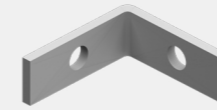
Joist made of aluminium especially suitable for humid areas. Facilitates the assembly of raised flooring. Length 2 m. Anodized finishing on request.

Material: Aluminium 6063 T5
Weight: 756 g/mL / Weight of the 2m bar: 1.212 Kg

PACKING

420	202x58x135	-	8436585252749

REF.	ARTICLE
03040141Z	Accesories PE. Joist Aluminium 2 m 1 unit



Bracket Assembly Joist

Allows joining joists at 90°. Necessary for the correct assembly of the slat support substructure. Its geometry allows fitting the brackets in the joist side grooves. Must be fasten with screws DIN 7504-P 3.5x16 - A2 or similar.

PACKING

120	395x295x450	23,04	8468585251827

REF.	ARTICLE
03040342A	Accesories PE. Bracket Assembly Joist 25 units



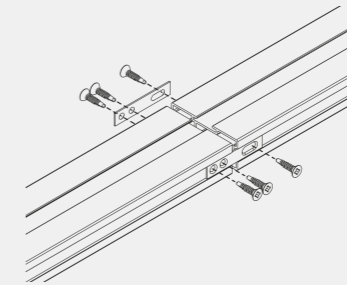
Clip Joist

Inserted in the pedestal head to fasten joists. It can be rotated for special installations. The joist clip can be rotated 360° to install the joist at the required angle, thus building an solid aluminium frame.

PACKING

120	582x400x385	16,60	8436585251582

REF.	ARTICLE
03040132E	Accesories PE. Clip Joist 100 units



Fish-plate Assembly Joist

Allows the joining of joists arranged continuously. Restricts the movements of the joists, allowing their expansion. Must be fasten with screws DIN 7504-P 3.5x16 - A2 or similar. A 5 mm expansion joint between profiles must be observed.

PACKING

280	395x295x450	23,25	8436585251834

REF.	ARTICLE
03040343A	Accesories PE. Fish-plate Assembly Joist 25 units



Slab Lifter

Allows removing the floor efficiently and without effort. It prevents damaging the parts.. Opening margin 400-600mm. Maximum 30kg.

PACKING

10	582x400x385	16,95	8436585251636

REF.	ARTICLE
03040150Z	Accesories PE. Slab Lifter 1 unit



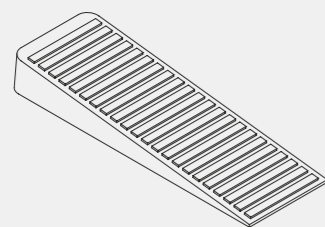
Screw Self-drilling 3,5 x 16

Self-drilling screw with countersunk head quality A2 DIN 7504P - PH 3.5x16.

PACKING

20	395x295x450	18,92	8436585253012

REF.	ARTICLE
03040344N	Accesories PE. Screw Self-drilling 3,5 x 16 1000 units



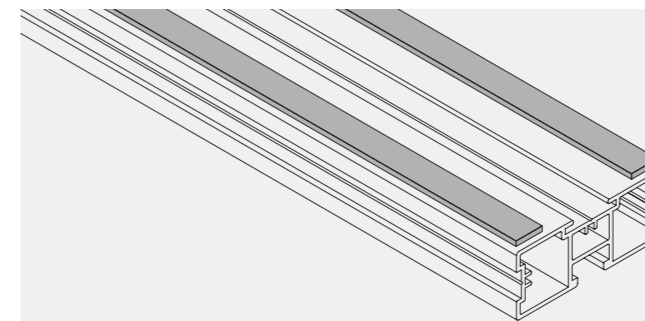
Wedge for Technical Floors

Wedges for chocking technical floors. The protrusions on the Wedge help it stay attached to the support.

PACKING

10	395x295x450	14,07	8436585251551

REF.	ARTICLE
03040122N	Accesories PE. Wedge for Technical Floors 1000 units



Self-adhesive EPDM tape

15 mm x 2 mm self-adhesive single-sided EPDM tape for noise insulation. It is placed on the aluminium joists along their entire length or at selected points, to prevent direct contact between the tiles or flooring and the aluminium of the joists.

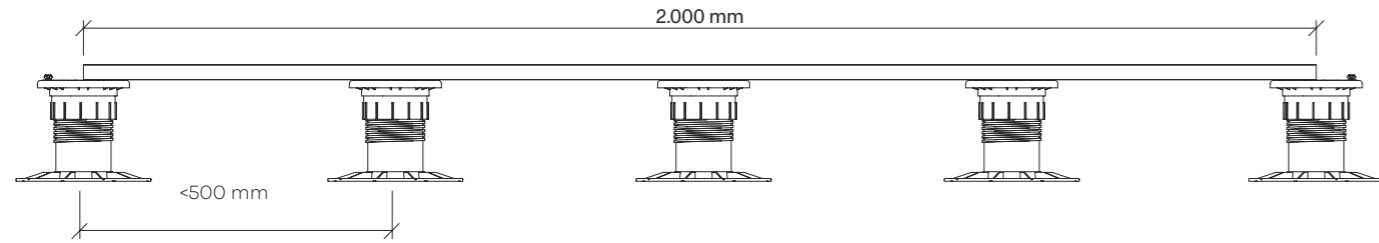
PACKING

-	-	-	-

REF.	ARTICLE
03040101A	Self-adhesive EPDM tape single-sided 15mm x 2mm

MAXIMUM DISTANCES (Supports pedestals, SP series and XSP series):

Distance between pedestal axis <500 mm
 Distance between joist axis: Depending on the slab and layout.

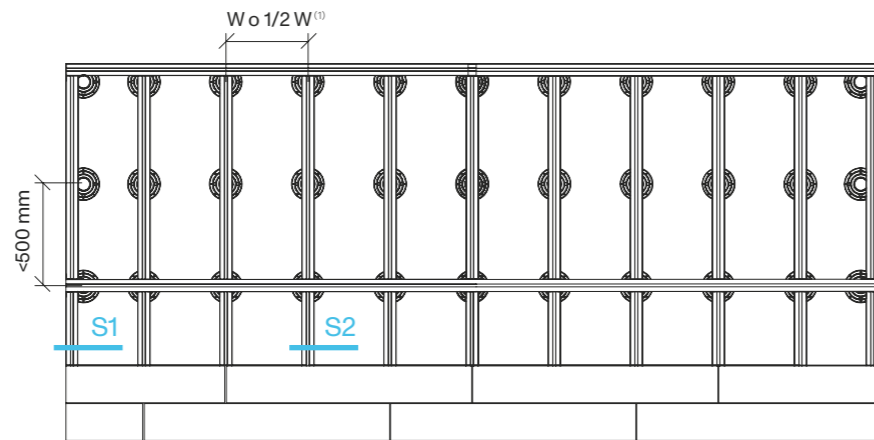


Required distances

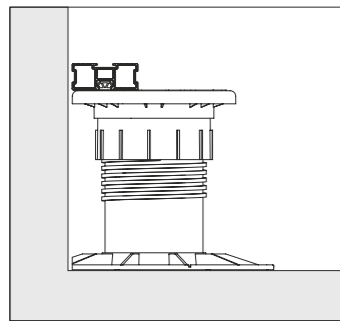
The first installation step is to decide the orientation of the slab to be placed and the most adequate substructure.

The maximum distance between pedestal centres, in the longitudinal direction of the joist, cannot exceed 500 mm.

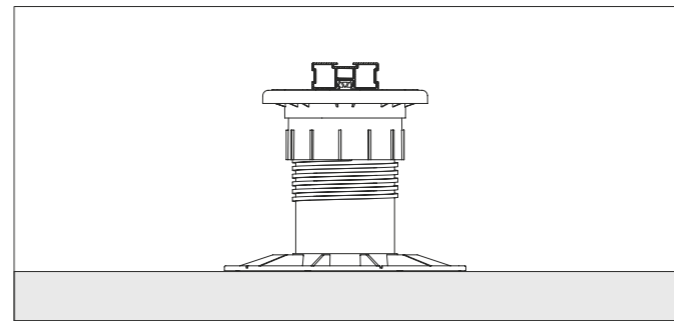
(1) The maximum distance between pedestals should not be greater than the one recommended by the slab manufacturer.



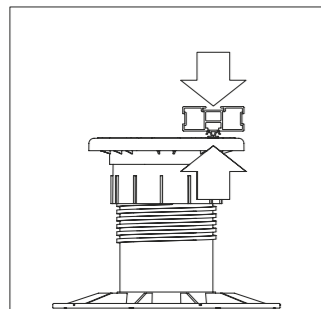
Section 1 (Pedestal with edge joist)



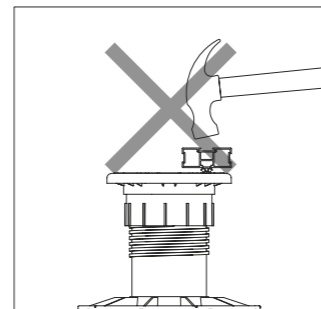
Section 2 (Pedestal with central joist)



Insert the pedestals in the joist.



Slide the pedestals through the joist groove. The clips can be inserted in the joist by pressing on them.

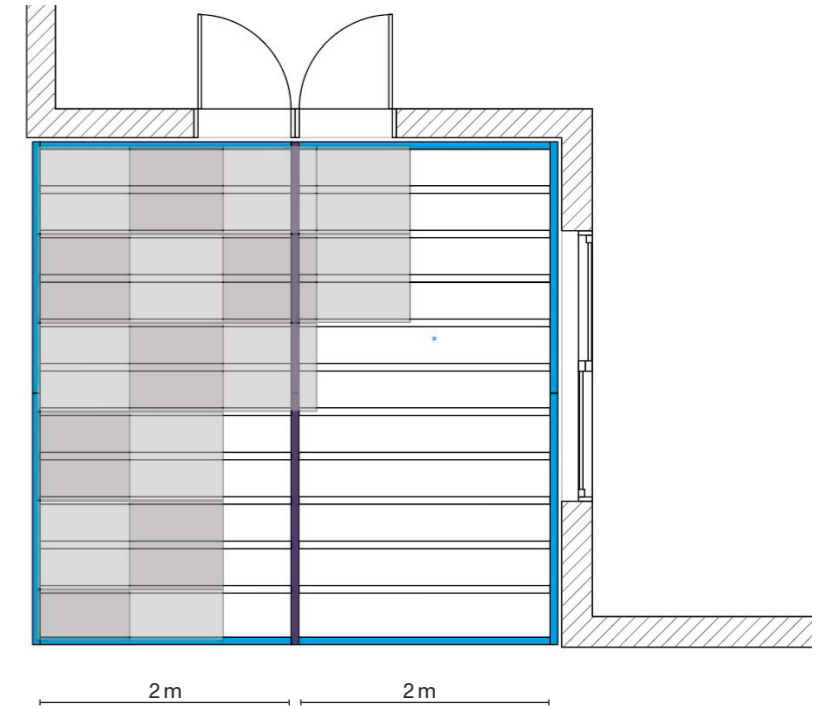


Do not bang the joist over the clip. It will break the heads of the pedestals.

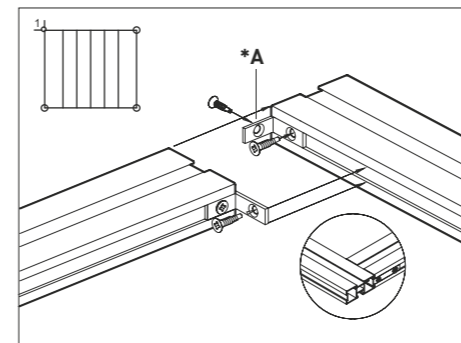
Creating closed frames

The entire perimeter must be installed in a compact way and it must be screwed using the joist assembly bracket 50 and the joist assembly fishplate.

Perpendicular joist must be installed every 2 m.

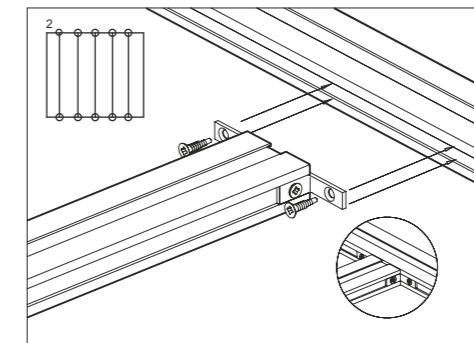


Substructure fastening



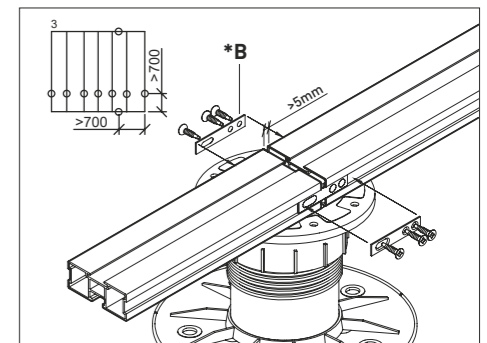
1. Joining the two edge joists.

Assembly screws DIN 7504-p 3.5x19 - A2. (NOT INCLUDED)



2. Joining the remaining joists.

Spacing between joists $W, W/2$ or $W/3$ (W =slab side).



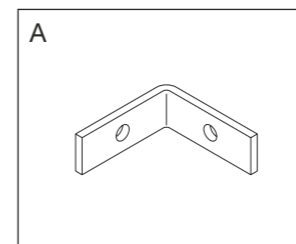
3. Joining longitudinal joists.

Minimum joint 5 mm always on Pedestal.

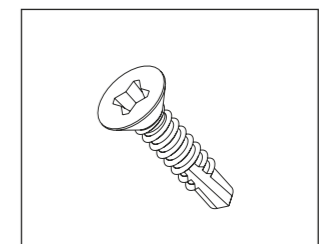
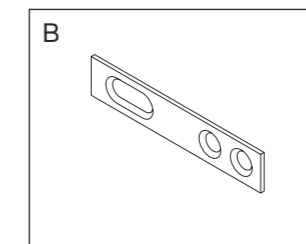
Joist Assembly Bracket 50
 Ref: 03040342A

Joist Assembly Fishplate 50
 Ref: 03040343A

Self-drilling screw
 Ref: 03040344N



Recommended fastening A2 DIN 7504P - PH 3.5x16 (NOT INCLUDED)

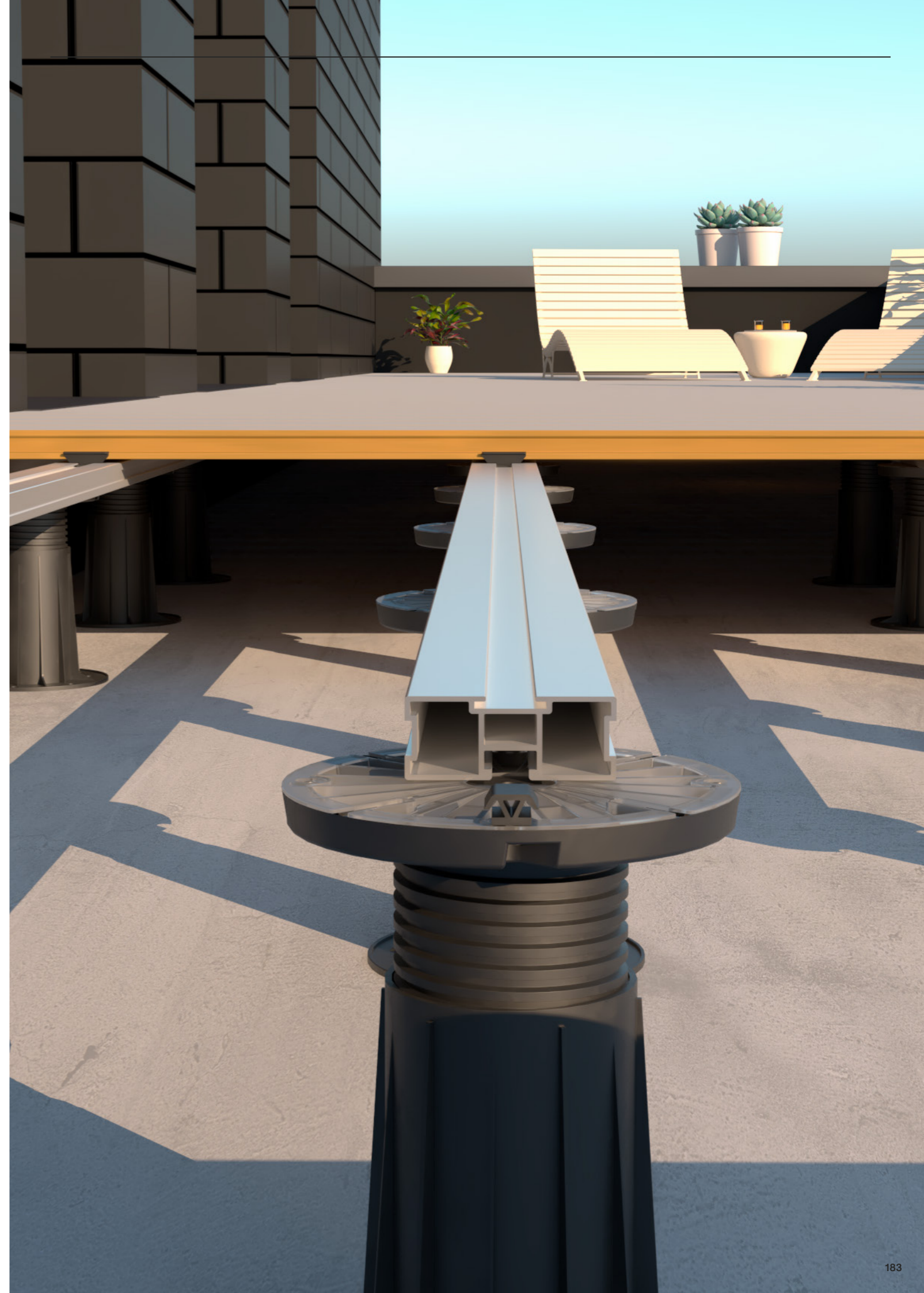
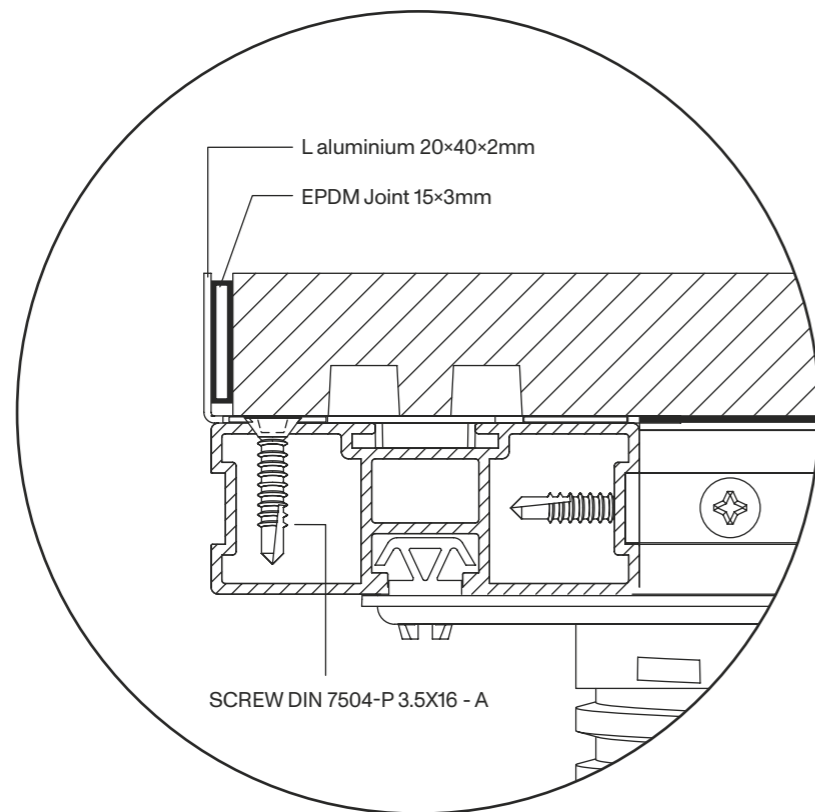
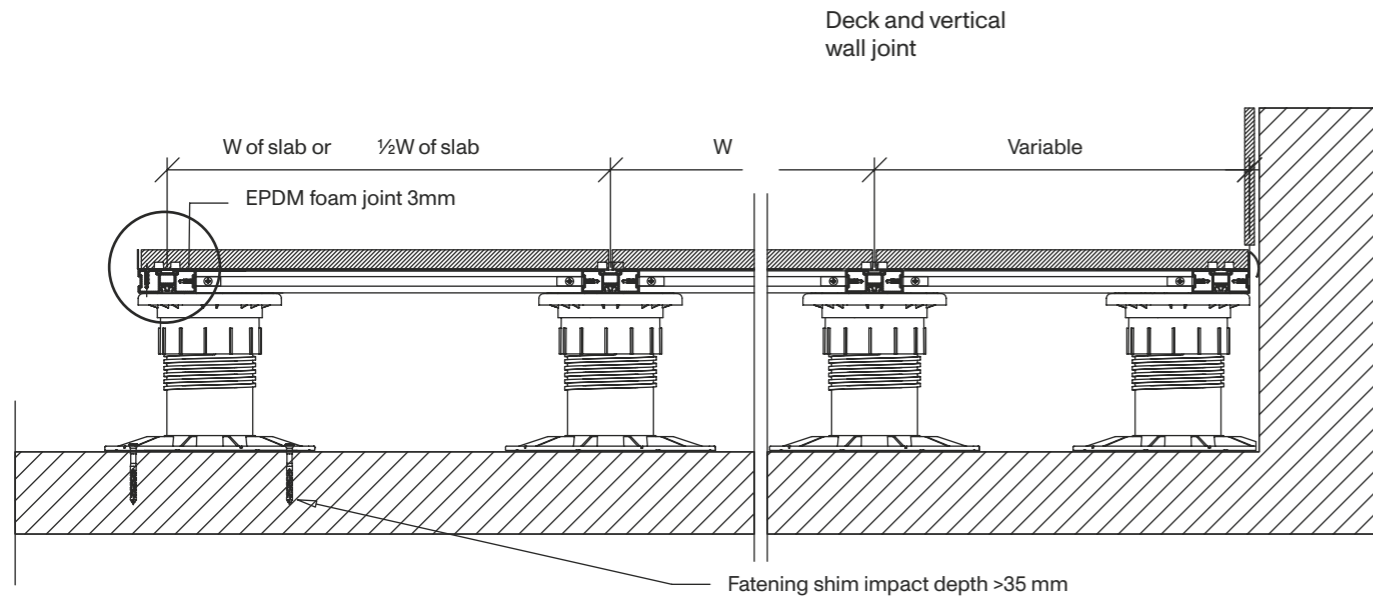


A2 DIN 7504P - PH 3.5x16

Cross section to joisting.

The system support pedestals, SP series and XSP series.

Detail of the free vertical edge closing.



Installation with aluminum joist

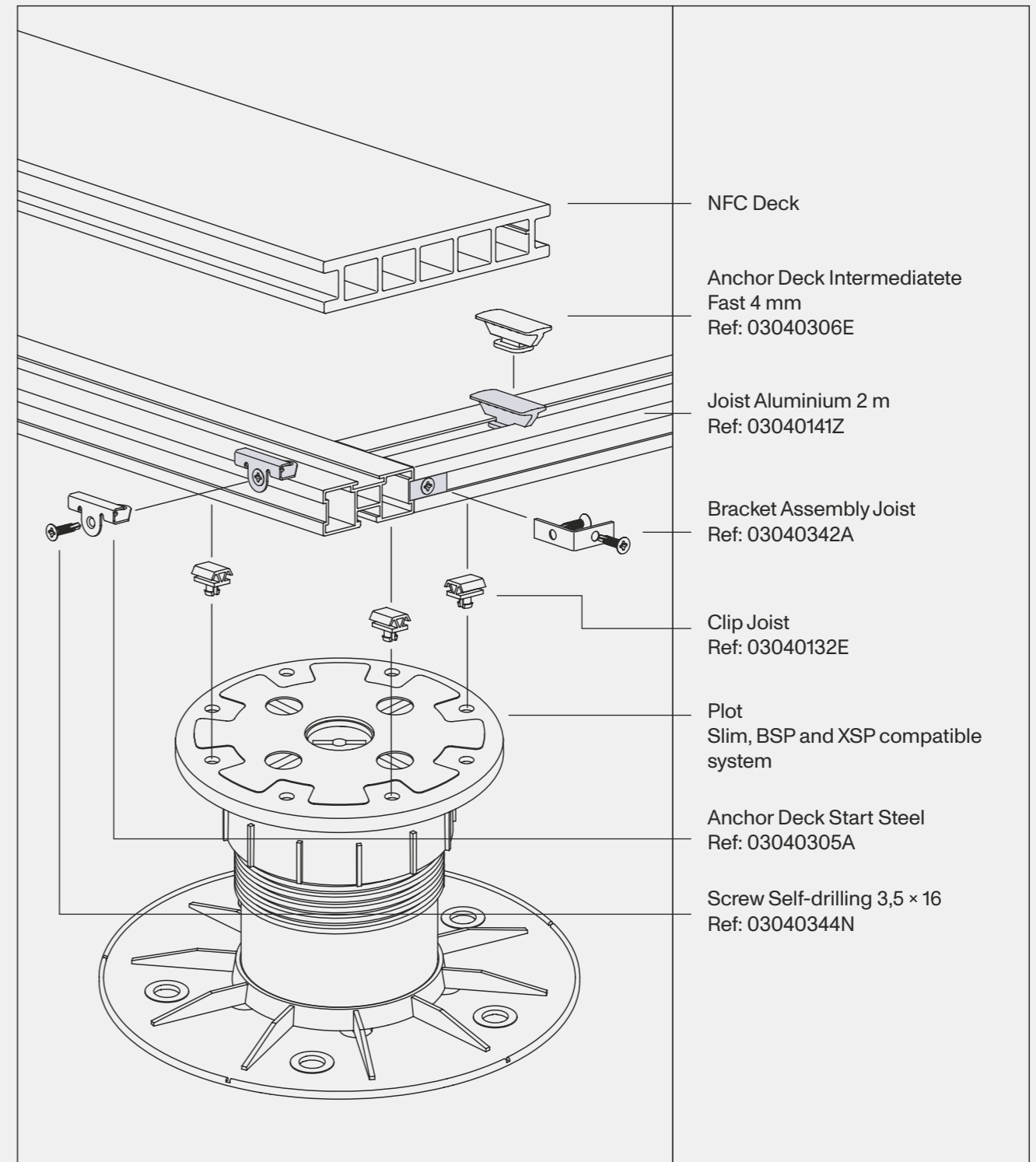
Peygran outdoors pedestals with the aluminium joist are the perfect solution for projects where a NFC, technical, raised, or removable deck is going to be used.

They are an excellent alternative to other traditional methods and allows more versatility to build the joist frame thanks to the turning clip.

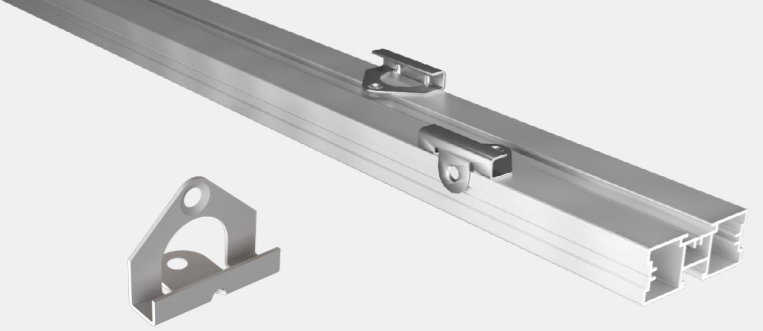
It is necessary to remove the 4 spacers in the XSP head.



Aluminum Joist for NFC Deck



+ info in NFC Deck section




Start Decking Steel Anchor

To fasten the slats placed in the perimeter of the installation. It requires screwing.
Material: Stainless steel. AISI 304
Weight: 8 gr.

P A C K I N G

80	400×280×200	-	8436585251797
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REF.	ARTICLE
03040305A	Anchor Deck Start Steel 25 units



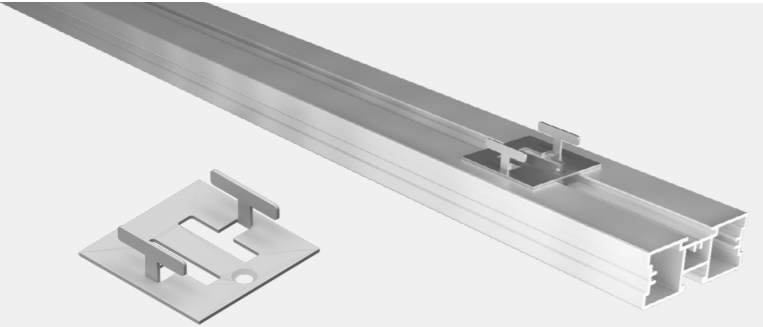
Clip Joist

Inserted in the pedestal head to fasten joists. It can be rotated for special installations. The joist clip can be rotated 360° to install the joist at the required angle, thus building an solid aluminium frame.

P A C K I N G

120	582×400×385	16,60	8436585251582
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REF.	ARTICLE
03040132E	Accesories PE. Clip Joist 100 units



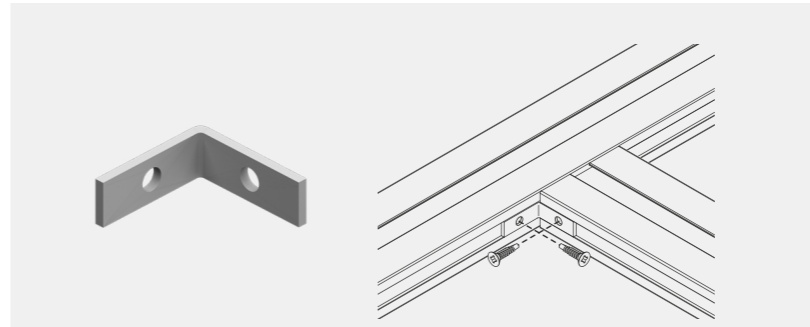
Anchor Deck Intermediate Steel 4 mm

Fastens the laminated floor permanently to the joist. It requires screwing. Joint of 4 mm.
Material: Stainless steel. AISI 304
Weight: 12 gr.

P A C K I N G

80	410×280×260	-	8436585251780
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REF.	ARTICLE
03040304A	Anchor Deck Intermediate Steel 4 mm 25 units



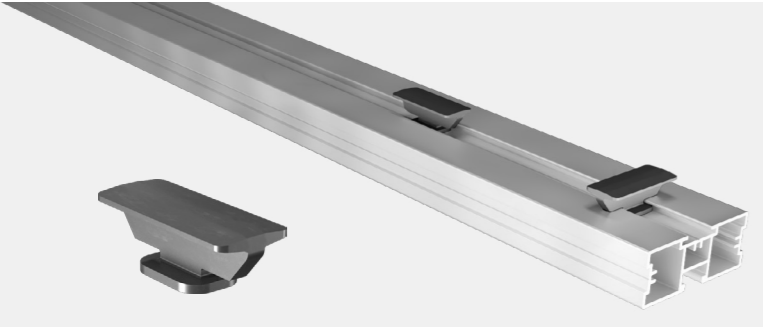
Bracket Assembly Joist

Allows joining joists at 90°. Necessary for the correct assembly of the slat support substructure. Its geometry allows fitting the brackets in the joist side grooves. Must be fasten with screws DIN 7504-P 3.5×16 - A2 or similar.

P A C K I N G

120	395×295×450	23,04	8468585251827
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REF.	ARTICLE
03040342A	Accesories PE. Bracket Assembly Joist 25 units



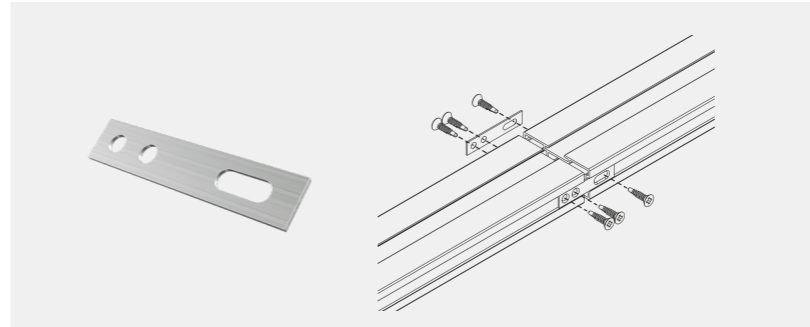
Anchor Deck Intermediate Fast 4 mm

Fastens the laminated floor to the aluminium joist safely and effectively without the need to screw all the parts. Joint of 4 mm.
Material: Polyamide con fibre
Weight: 3,5 gr.

P A C K I N G

48	395×295×450	19,08	8436585251803
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REF.	ARTICLE
03040306E	Anchor Deck Intermediate Fast 4 mm 100 units



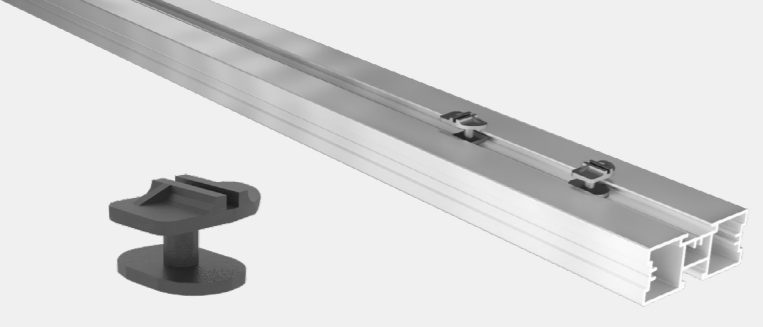
Fish-plate Assembly Joist

Allows the joining of joists arranged continuously. Restricts the movements of the joists, allowing their expansion. Must be fasten with screws DIN 7504-P 3.5×16 - A2 or similar. A 5 mm expansion joint between profiles must be observed.

P A C K I N G

280	395×295×450	23,25	8436585251834
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REF.	ARTICLE
03040343A	Accesories PE. Fish-plate Assembly Joist 25 units



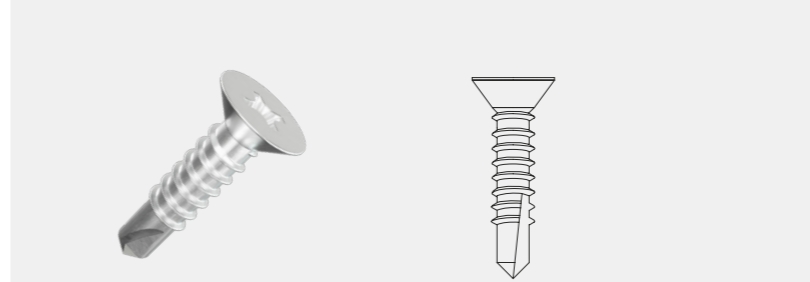
Removable Deck Anchor 4 mm

It allows the subsequent disassembly of deck slats. Install along one side of the slat to create an access point on your terrace. See: Assembly of Clip for Removable Slats.
Material: Polyamide con fibre
Weight: 1,4 gr.

P A C K I N G

100	395×295×450	-	8436585251810
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REF.	ARTICLE
03040308E	Anchor Deck Register 4 mm 100 units



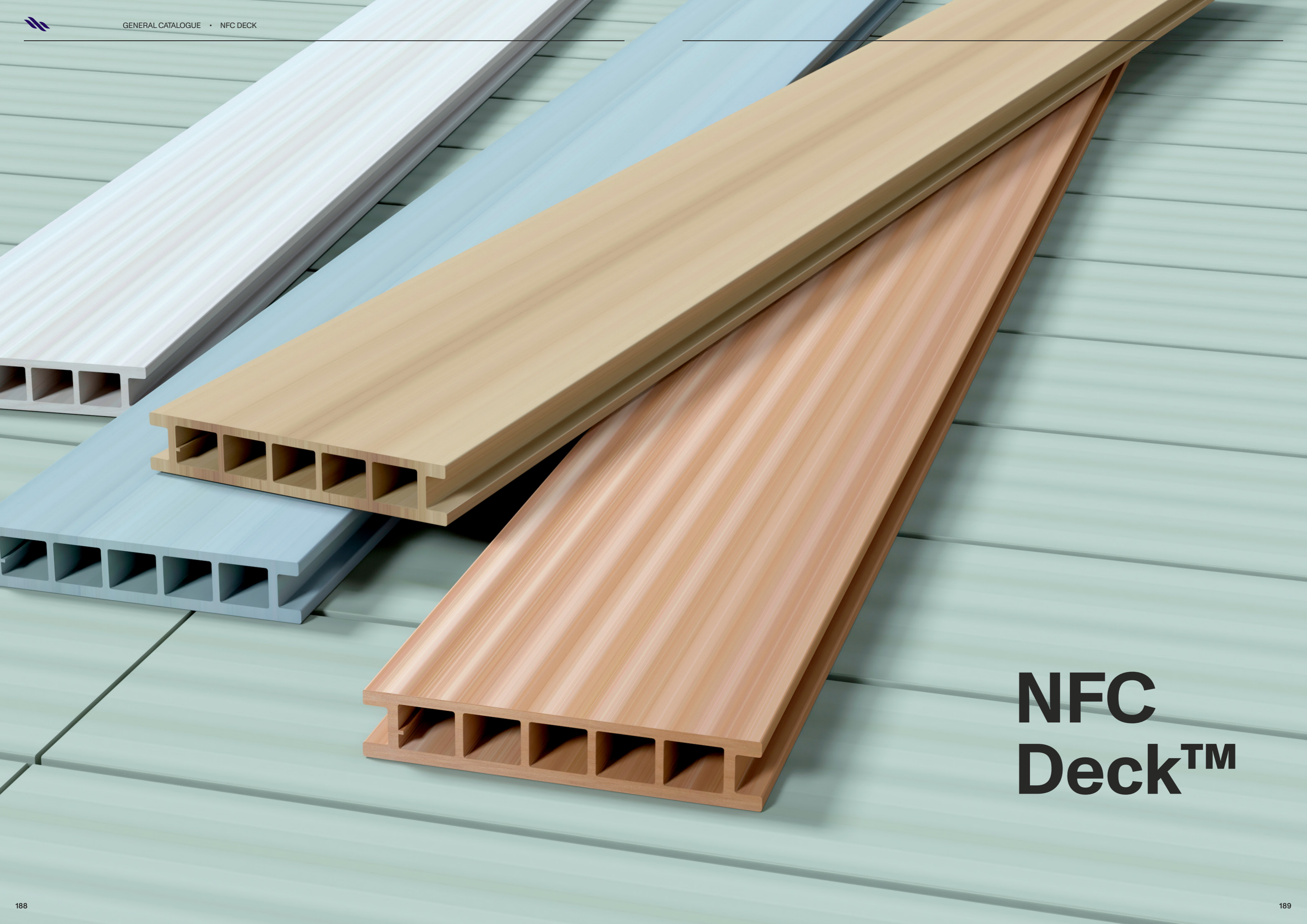
Screw Self-drilling 3,5 × 16

Self-drilling screw with countersunk head quality A2 DIN 7504P - PH 3.5×16.

P A C K I N G

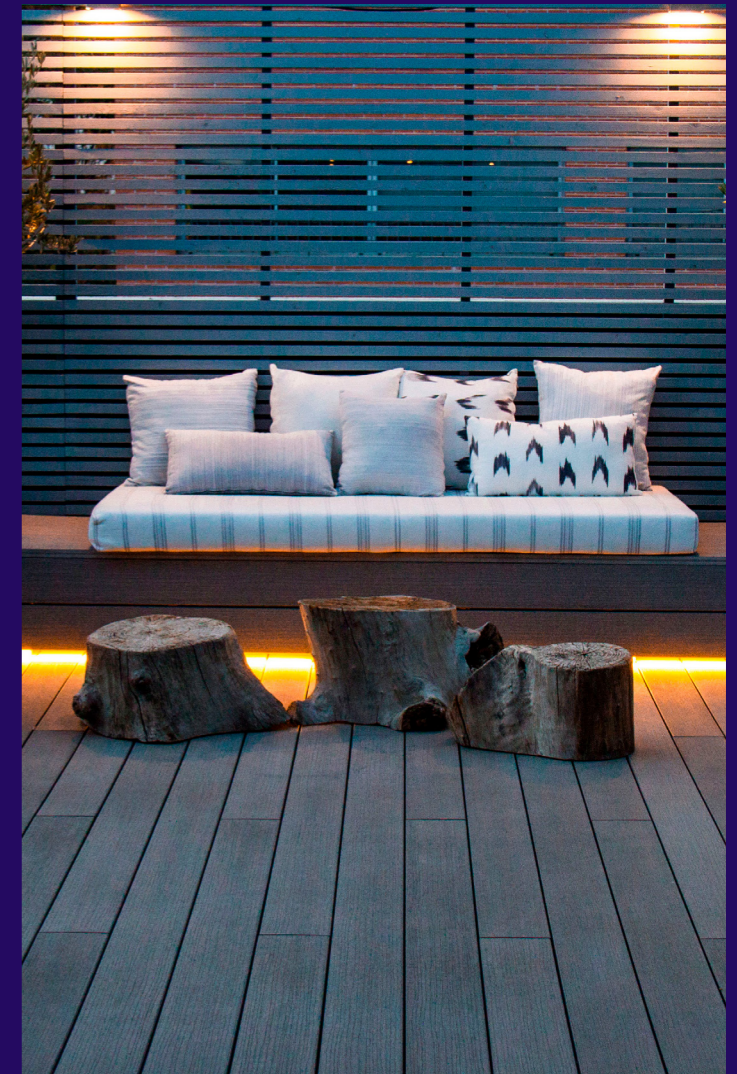
20	395×295×450	18,92	8436585253012
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REF.	ARTICLE
03040344N	Accesories PE. Screw Self-drilling 3,5 × 16 1000 units



**NFC
Deck™**

NFC Deck™



100% recyclable

Our laminate flooring slat is a versatile product, the NFC (Natural Fiber Composite) Deck is the ecological evolution of the WPC.

Composed of 50% vegetable fibers (rice husk); not from deforestation, but from the by-products of grain growing. It is 100% recyclable as well as being an eco-sustainable alternative to tropical wood, which helps improve the environment.

NFC Deck™


SILVER
03040210Z

POLAR
03040211Z

ROBLE
03040212Z

IPÉ
03040213Z

CINNAMON
03040214Z

CASTAÑO
03040215Z

TEKA
03040216Z

COZUMEL
03040217Z


IN STOCK

REQUEST

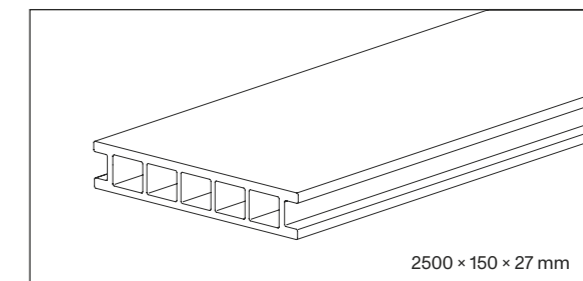


Our board is the perfect combination of nature and technology, creating a product that combines the beauty and warmth of wood with the durability and low maintenance of NFC.

This deck is made of a material suitable for exterior use, resistant and durable, since it does not need additional treatments, does not contain toxic products and only requires a minimum of maintenance and cleaning.

PHYSICAL AND MECHANICAL PROPS

PHYSICAL AND MECHANICAL PROPS		
Coefficient of linear expansion	UNE 53126	2,81·10 ⁻⁵
Elastic modulus	UNE-EN ISO 178	4.660 Mpa
Flexural strength	UNE-EN ISO 178	38,1 Mpa
Maximum sag	UNE-EN ISO 178	2,5 mm
Shore hardness	UNE-EN ISO 868	65
Water absorption (24 h. in water at 23 °C)	UNE-EN ISO 62	0,97%
Water absorption (7 days in water at 23 °C)	UNE-EN ISO 62	3,58%
Vicat Temperature	UNE-EN ISO 306	87,4%
Density	UNE-EN ISO 1183-1	1,54 g/cm ³
Impact resistance	UNE-EN ISO 477	>7J
Slip resistance (brushed finish)	UNE-ENV 12633	Clase 3
Determining the load deflection temperature	ISO 75-2 :2005	82,7±0,7°C
Determination of thermodynamic properties by DMA of samples with natural loads.		T _g =93,19°C
Fire reaction classification	UNE-EN 13501-1 :2007	Bfl s1
Classes of external fire performance for roofing and roof coverings UNE EN 13501 - 5.07/AC09	UNE-EN 1187:2003 ENSAYO 1	Broof (t1)



Standard slat length 2.500 mm
Slat length upon request, up to 4.000 mm

PHYSICAL PROPS.		
	Value	Tolerance
Weight	2.625 g/m - 17 Kg/m ²	± 100 g/m
Width	150 m	± 0,5 g/m
Height	27 m	± 0,5 g/m
Length	2.500 mm	± 0,5 g/m

Available colours

There may be small variations in colour and surface finish, giving the deck a more natural finish. After a few months of exposure to weather, like real wood, the colours experience a slight lightening, giving a more even appearance, then they will remain stable.

Composition

Our NFC Deck is a product manufactured with a composite material of 50% thermoplastic and 50% vegetable fibres (rice husk) with mineral reinforcement, which makes it a product that combines the best properties of both materials and guarantees a long life span without maintenance.

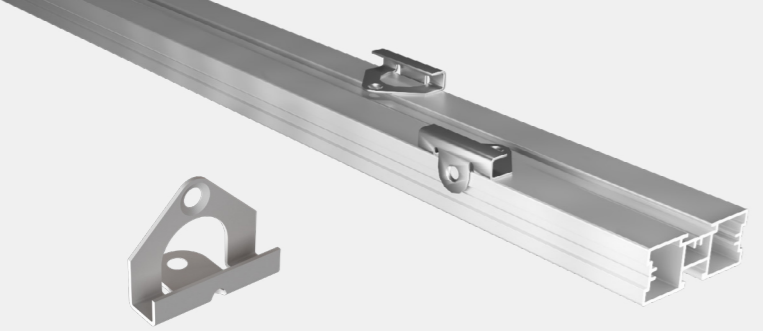
Environmental information

Unlike other brands, the vegetable fibres used in the manufacture of our NFC Deck do not come from cutting down trees, but are obtained from the reuse of cereal crop by-products. It is fully recyclable.

	REF.
IN STOCK	SILVER 03040210Z
	POLAR 03040211Z
	ROBLE 03040212Z
	IPÉ 03040213Z
ON REQUEST	CINNAMON 03040214Z
	CASTAÑO 03040215Z
	TEKA 03040216Z
	COZUMEL 03040217Z

PACKING

REF.	ARTICLE				
03040210Z	Deck Silver 2500x150x27 1 m2	56	2500x800x1500	1080,16	8436585251674
03040211Z	Deck Polar 2500x150x27 1 m2	56	2500x800x1500	1080,16	8436585251681
03040212Z	Deck Roble 2500x150x27 1 m2	56	2500x800x1500	1080,16	8436585251698
03040213Z	Deck IPÉ 2500x150x27 1 m2	56	2500x800x1500	1080,16	8436585251704
03040214Z	Deck Cinnamon 2500x150x27 1 m2*	56	2500x800x1500	1080,16	8436585251711
03040215Z	Deck Castaño 2500x150x27 1 m2*	56	2500x800x1500	1080,16	8436585251728
03040216Z	Deck Teka 2500x150x27 1 m2*	56	2500x800x1500	1080,16	8436585251735
03040217Z	Deck Cozumel 2500x150x27 1 m2*	56	2500x800x1500	1080,16	8436585251742




Start Decking Steel Anchor

To fasten the slats placed in the perimeter of the installation. It requires screwing.
Material: Stainless steel. AISI 304
Weight: 8 gr.

P A C K I N G

80	400×280×200	-	8436585251797

REF.	ARTICLE
03040305A	Anchor Deck Start Steel 25 units



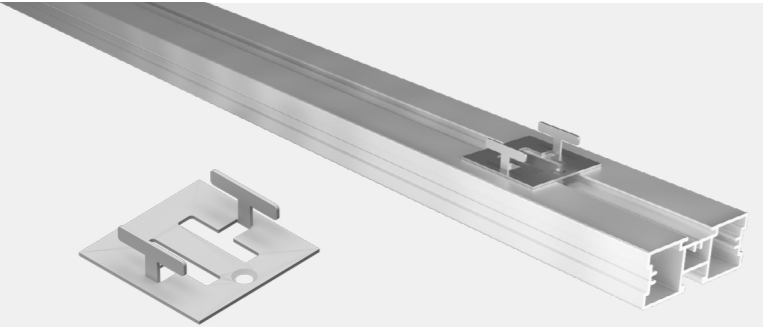
Clip Joist

Inserted in the pedestal head to fasten joists. It can be rotated for special installations. The joist clip can be rotated 360° to install the joist at the required angle, thus building an solid aluminium frame.

P A C K I N G

120	582×400×385	16,60	8436585251582

REF.	ARTICLE
03040132E	Accessories PE. Clip Joist 100 units



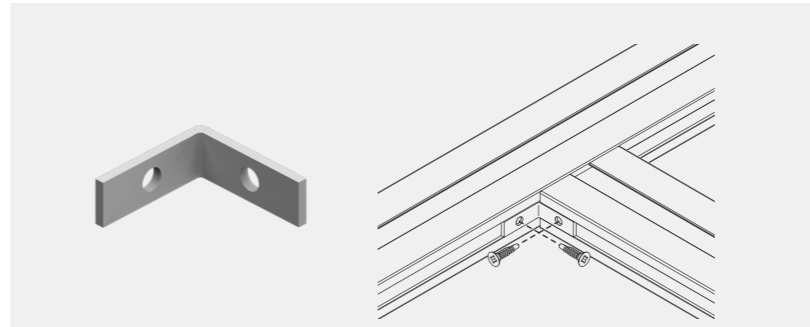
Anchor Deck Intermediate Steel 4 mm

Fastens the laminated floor permanently to the joist. It requires screwing. Joint of 4 mm.
Material: Stainless steel. AISI 304
Weight: 12 gr.

P A C K I N G

80	410×280×260	-	8436585251780

REF.	ARTICLE
03040304A	Anchor Deck Intermediate Steel 4 mm 25 units



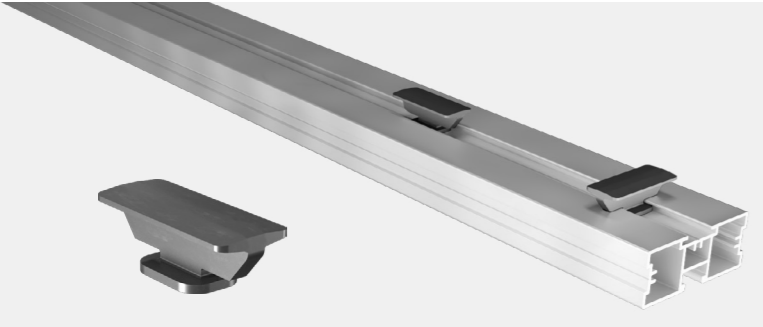
Bracket Assembly Joist

Allows joining joists at 90°. Necessary for the correct assembly of the slat support substructure. Its geometry allows fitting the brackets in the joist side grooves. Must be fasten with screws DIN 7504-P 3.5×16 - A2 or similar.

P A C K I N G

120	395×295×450	23,04	8468585251827

REF.	ARTICLE
03040342A	Accessories PE. Bracket Assembly Joist 25 units



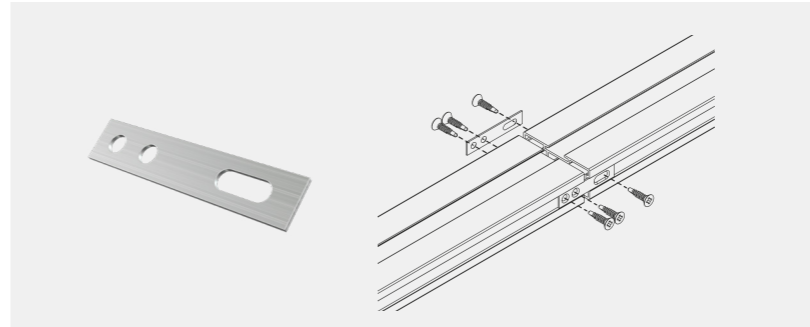
Anchor Deck Intermediate Fast 4 mm

Fastens the laminated floor to the aluminium joist safely and effectively without the need to screw all the parts. Joint of 4 mm.
Material: Polyamide con fibre
Weight: 3,5 gr.

P A C K I N G

48	395×295×450	19,08	8436585251803

REF.	ARTICLE
03040306E	Anchor Deck Intermediate Fast 4 mm 100 units



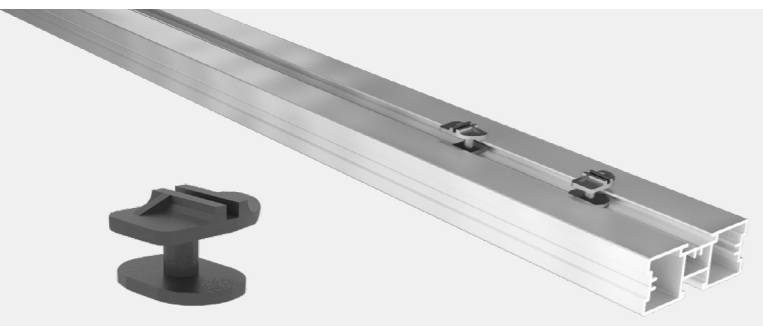
Fish-plate Assembly Joist

Allows the joining of joists arranged continuously. Restricts the movements of the joists, allowing their expansion. Must be fasten with screws DIN 7504-P 3.5×16 - A2 or similar. A 5 mm expansion joint between profiles must be observed.

P A C K I N G

280	395×295×450	23,25	8436585251834

REF.	ARTICLE
03040343A	Accessories PE. Fish-plate Assembly Joist 25 units



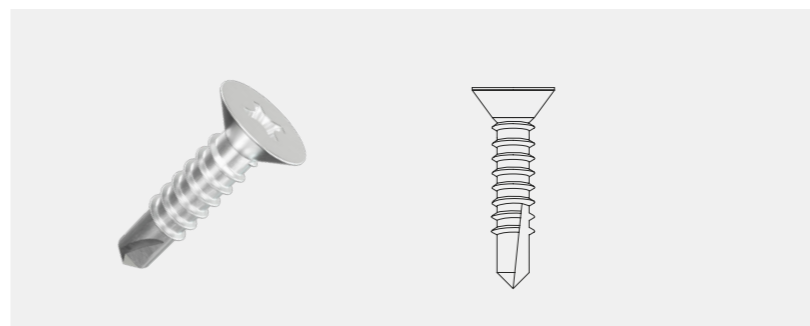
Removable Deck Anchor 4 mm

It allows the subsequent disassembly of deck slats. Install along one side of the slat to create an access point on your terrace. See: Assembly of Clip for Removable Slats.
Material: Polyamide con fibre
Weight: 1,4 gr.

P A C K I N G

100	395×295×450	-	8436585251810

REF.	ARTICLE
03040308E	Anchor Deck Register 4 mm 100 units



Screw Self-drilling 3,5 × 16

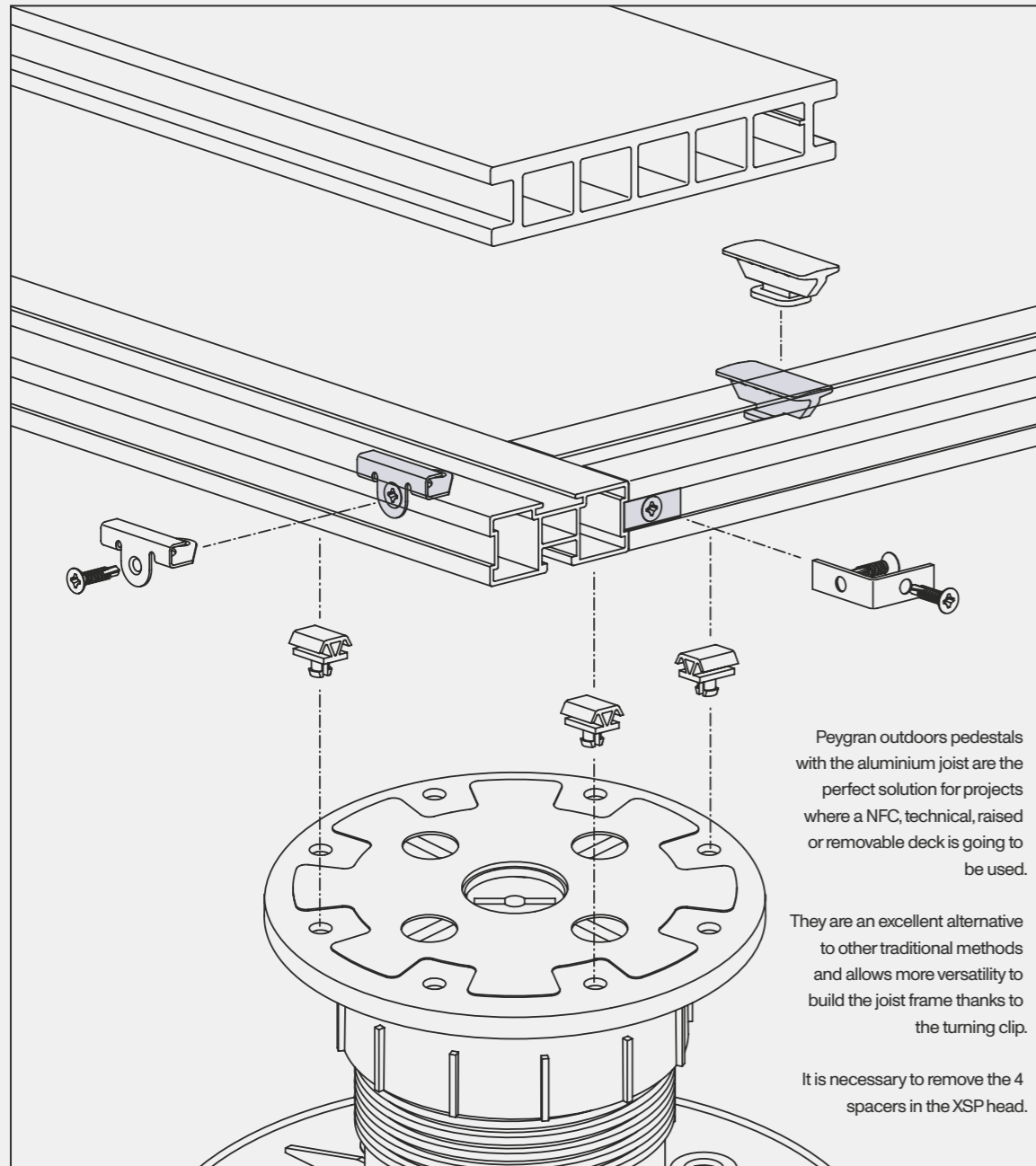
Self-drilling screw with countersunk head quality A2 DIN 7504P - PH 3.5×16.

P A C K I N G

20	395×295×450	18,92	8436585253012

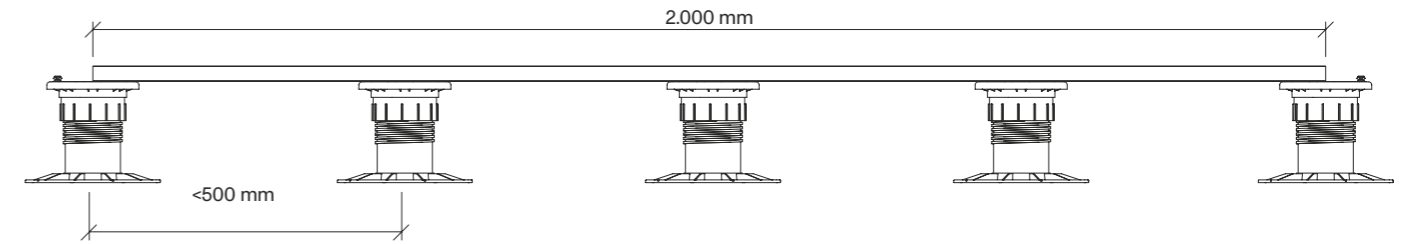
REF.	ARTICLE
03040344N	Accessories PE. Screw Self-drilling 3,5 × 16 1000 units

Aluminum joist for NFC Deck



MAXIMUM DISTANCES (Supports pedestals, SP series and XSP series):

Distance between pedestal axis <math><500\text{ mm}</math>
 Distance between joist axis <math><350\text{ mm}</math>



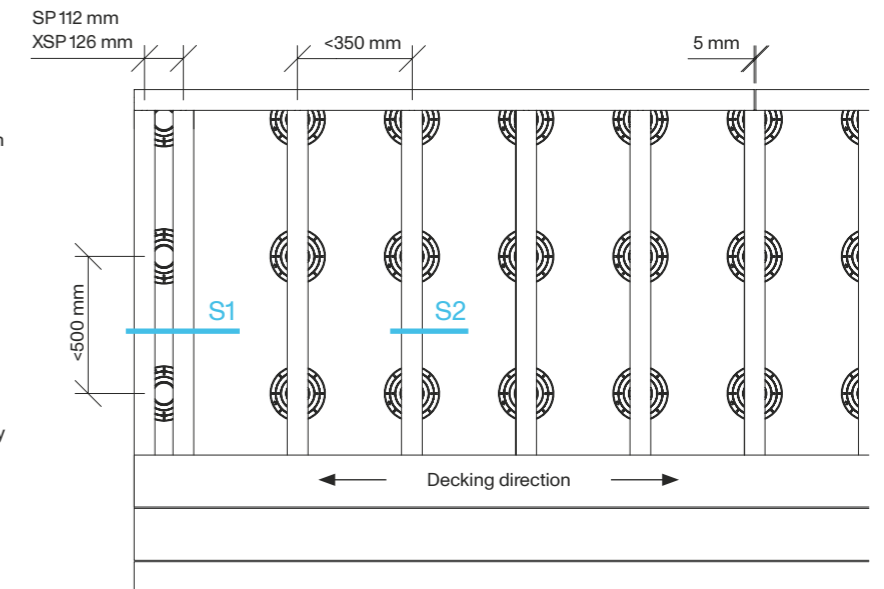
Required distances

The first installation step is to decide the orientation of the decking.

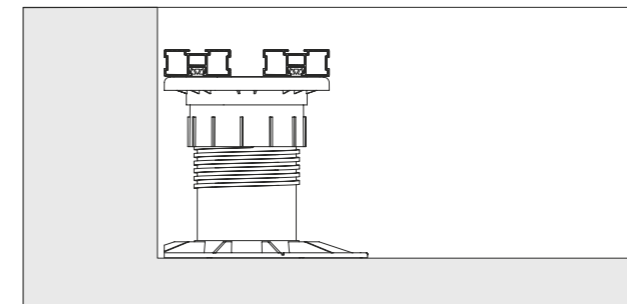
The maximum distance between pedestal centres, in the longitudinal direction of the joist, cannot exceed 500 mm.

The maximum distance between joists should not exceed 350 mm from centre to centre.

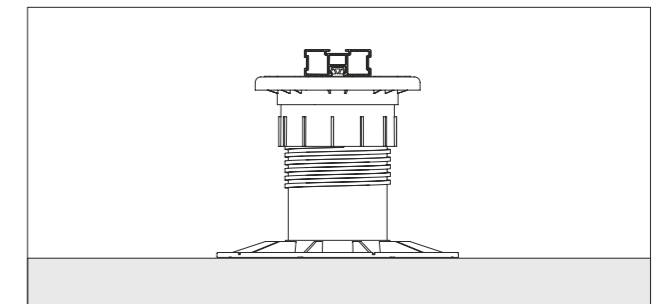
At the ends of the decks, it is necessary to install a double joist on a pedestal to reinforce the assembly along the perimeter.



Section 1 (Pedestal with edge joist)

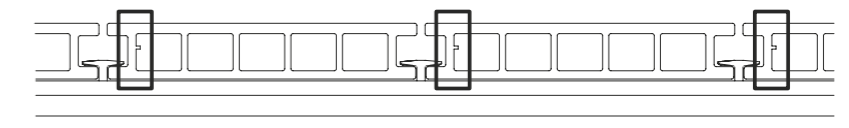


Section 2 (Pedestal with single joist)



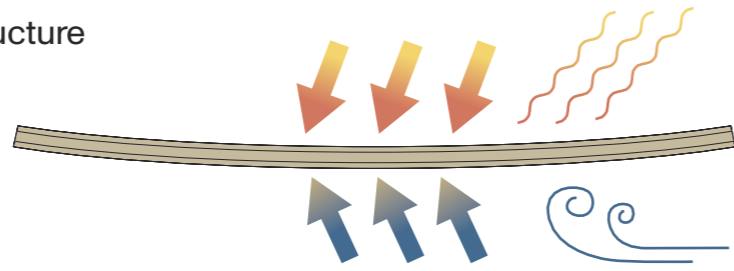
Slat direction

It is very important to follow the colour pattern of the slats, leaving the inner tab on the same side. Failure to do this may affect the final appearance of the installation.



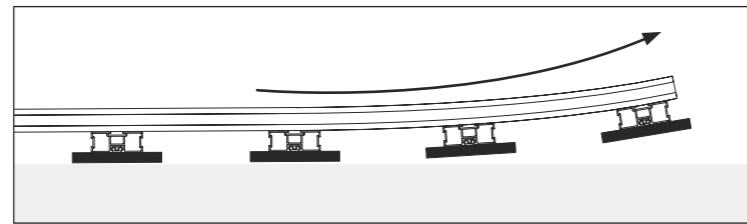
Fastening to the floor or closed structure

The hollow structure of the platform causes it to bend due to the effects of humidity and /or temperature. The slats tend to lift at the ends (slat tips).



These deformations can be prevented with the correct installation.

The installation principles are:

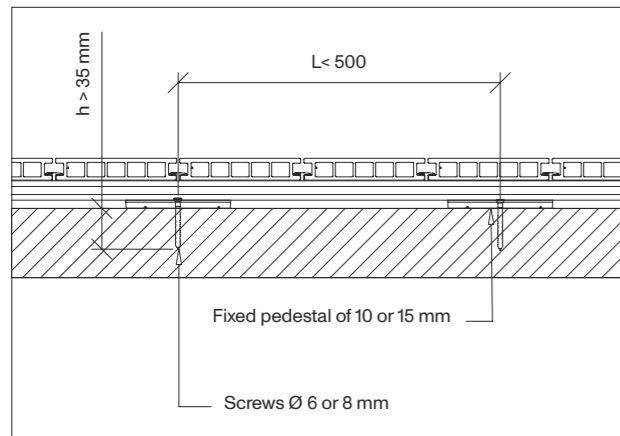


- A) Mechanical fastening of the joists to the pedestals
- B) Creation of closed frames
- C) Wind suppression resistance

A) Mechanical fastening of the joists to the pedestals

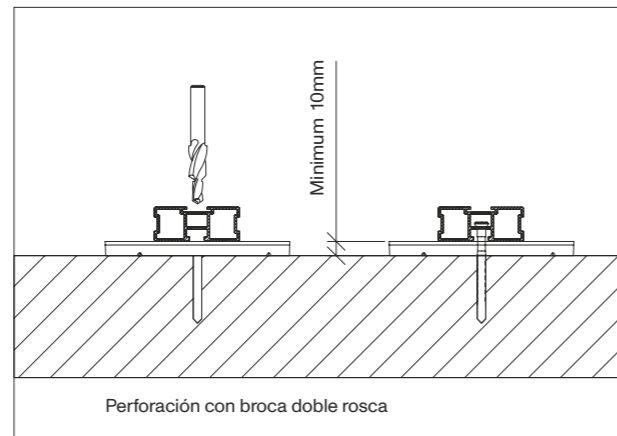
The structure is screwed to the pedestal whenever possible.

To be able to assemble by mechanical fastening, the pedestal on which the installation is to be carried out must be stable. The expansion and structural joints of the pedestal must be observed. If the pedestal is not stable, does not allow for mechanical fastening or if movements are anticipated, use the closed structure system.



Fasten using screws with a diameter of 6 or 8 mm, depending on the pedestal, and with a penetration greater than 35 mm, separated every 500 mm maximum - depending on the pedestal.

This screw should stay on the inner side of the joist so that its penetration



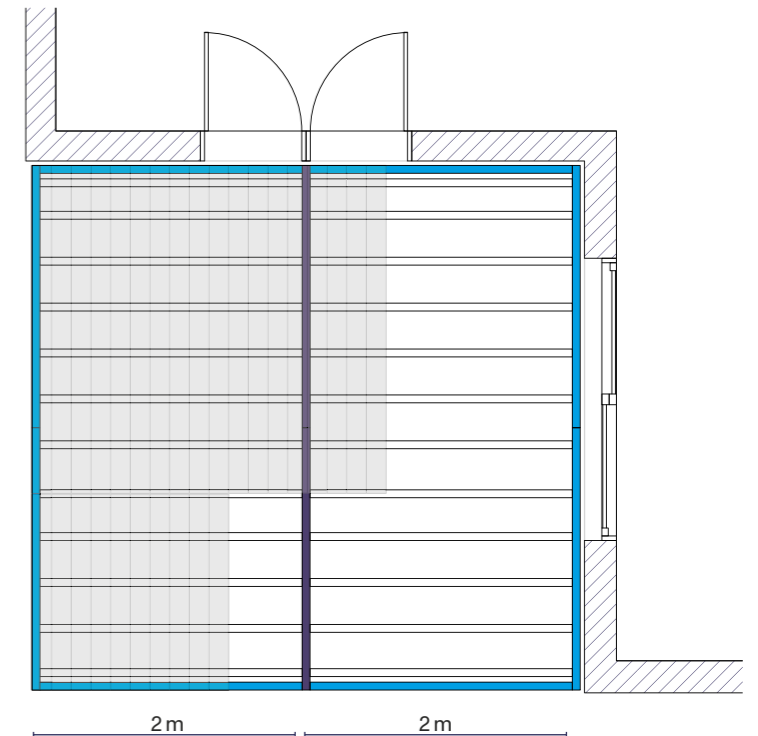
into the ground is the maximum possible, thus offering the best fastening. The joists must never rest directly on the ground, but on fixed pedestals of at least 10 mm that allow ventilation and water circulation.

B) Creating closed frames

If it is not possible to screw the pedestal: mount a perpendicular joist every 2 m

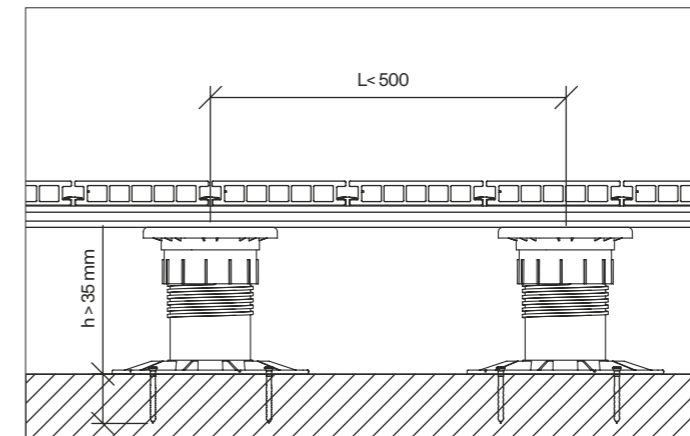
Due to the effects of humidity and / or temperature, the slats tend to bend slightly, raising at the ends (slat tips) together with the substructure. Install a perpendicular joist in the same direction as the joisting every 2 m maximum.

- The entire perimeter must be installed in a compact way and screwed using the Assembly Joist Bracket 50 and Assembly Fishplate 50
- Perpendicular joists are installed every 2 meters.



C) Wind suppression resistance

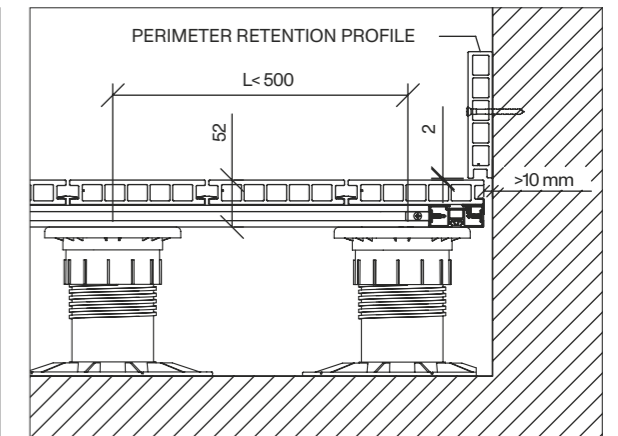
In areas where wind loads are high, the separation between joists should be reduced. In tropical areas, with a maximum wind load, it can be reduced to a 250 mm gap.



1. Fastening of decks to floor with adjustable pedestals

To compensate for wind suppression, it is necessary to fasten the decking system and the Pedestals to the pedestal mechanically. The joists must be mechanically fastened to the ground (always inserting pedestals of at least 10 mm).

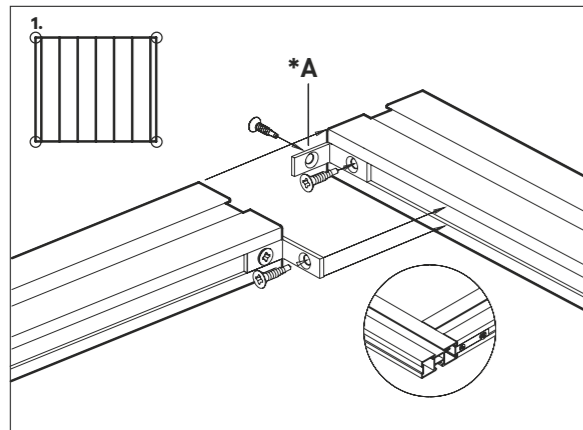
Locknut should be used to ensure that the pedestal head has been properly locked to its base. Pedestals of height greater than SP2 (220 mm) should not be used.



2. Deck fastening with perimeter profile

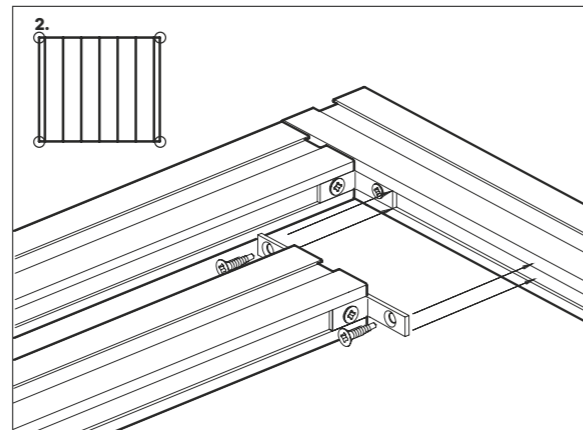
In cases where mechanical fastening to the base is not feasible because there are works that could be damaged, it is possible to fasten to the perimeter by means of an edge profile used as a skirting board. These border profiles must respect the perimeter joints of the platform by overlapping to them, allowing horizontal movements and limiting vertical ones. The solution must be evaluated by a competent technician based on the geometry and size of the deck.

Substructure Fastening



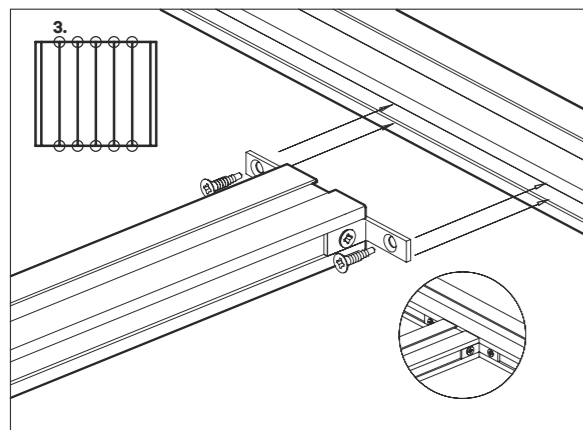
1. Joining the two edge joists.

Assembly screws DIN 7504-p 3.5×19 - A2. (NOT INCLUDED)



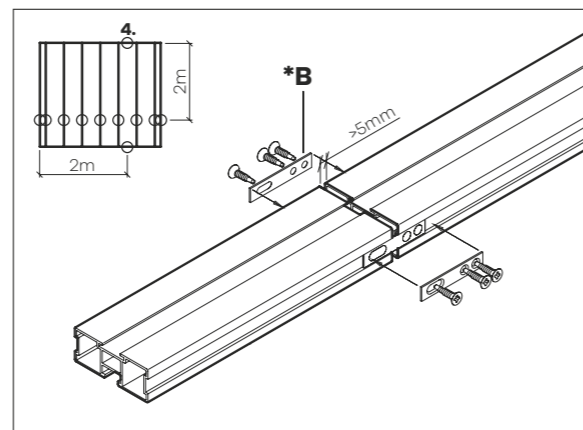
2. Joining of joists attached to the edge.

Axes spacing 112 mm.



3. Joining the other joists.

Axes spacing < 350 mm.

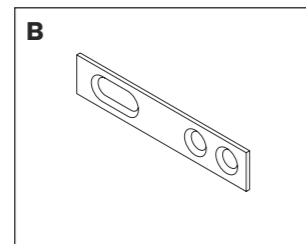
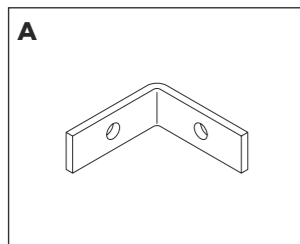


4. Joining longitudinal joists.

Minimum joint 5 mm always on Pedestal.

Joist Assembly
Bracket 50
Ref: 03040342A

Joist Assembly
Fishplate 50
Ref: 03040343A



Recommended fastening DIN 7504-p 3.5×19 - A2. (NOT INCLUDED)

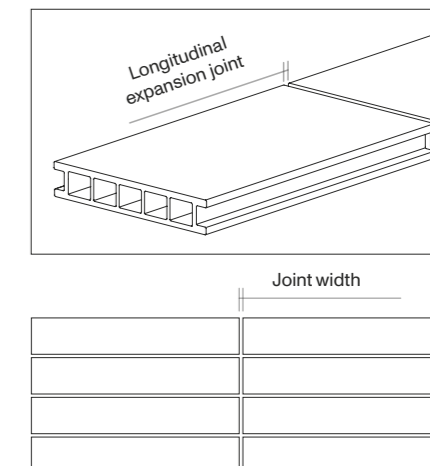
Expansion joints

The joint must be 2 mm/m depending on the total length of the slat.

The joint width must be adjusted according to the environmental temperature during assembly and, in any case, the deck profiles should not be left in the sun since they would experience a high level of expansion during assembly.

Edge joints must always be at least 10 mm

Deck profile length (m)	Joint width (mm)
1.00	2
1.50	3
2.00	4
2.50	5
3.00	6
3.50	7
4.00	8
4.50	9
5.00	10



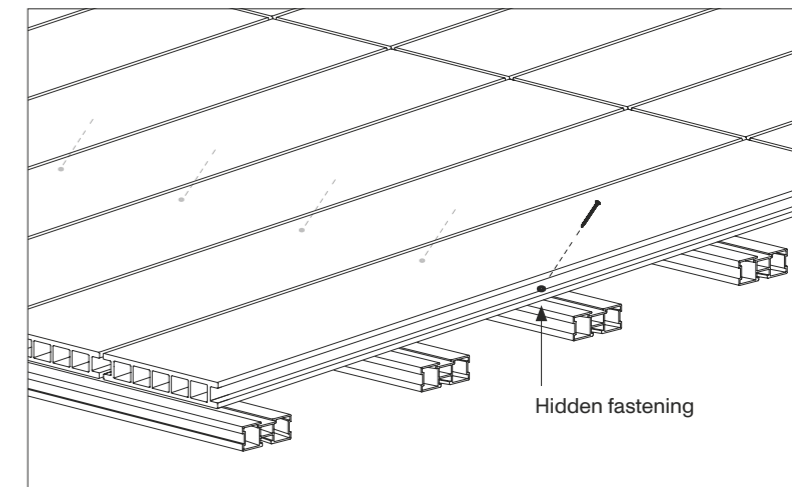
Deck profile offset

The NFC Deck experiences expansion. This expansion is greater in locations where the temperature is most extreme, either by heat or cold.

To avoid unwanted movements of the slats, which causes more closed or more open joints, the slats must be mechanically fastened at a single point.

It is recommended to use the centre of the slat as the fastening point when there are several seamless segments. If there is only one segment, they may be fastened at one end, leaving the other free.

The two ends of the slats should never be fastened, as this would cause unwanted tensions.

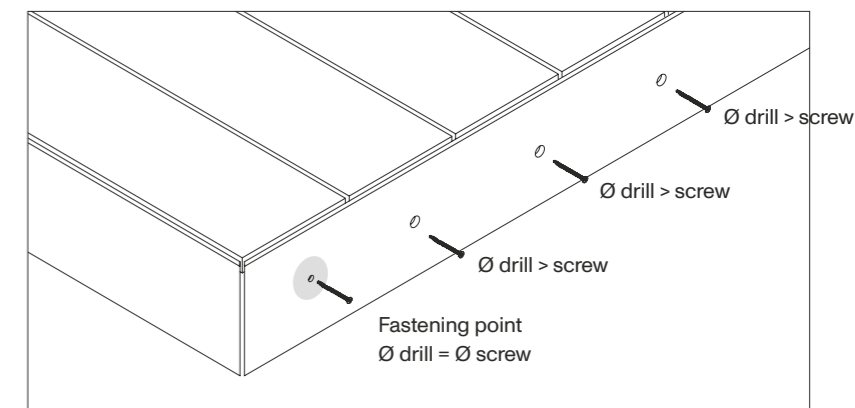


Mechanical fastening

The fastening of both the platform and the covers must allow the expansion of the profiles.

To avoid free sliding of the profiles, causing the joints to close at one end and making a larger open joint at the other end, one of the screws must be fastened without play to the bore hole diameter. The other holes must have a larger diameter than the fastening screw.

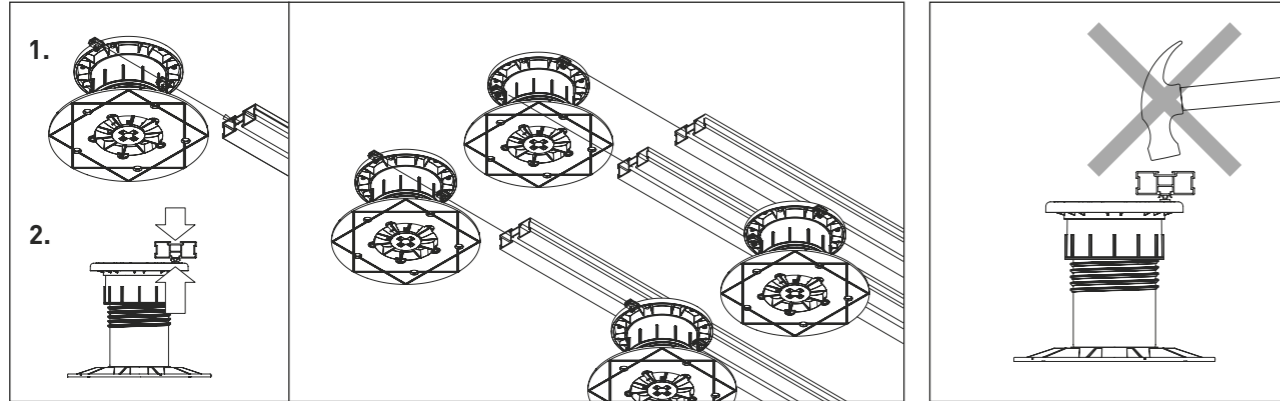
The diameter increment should be 2.5 mm for each metre of profile length.



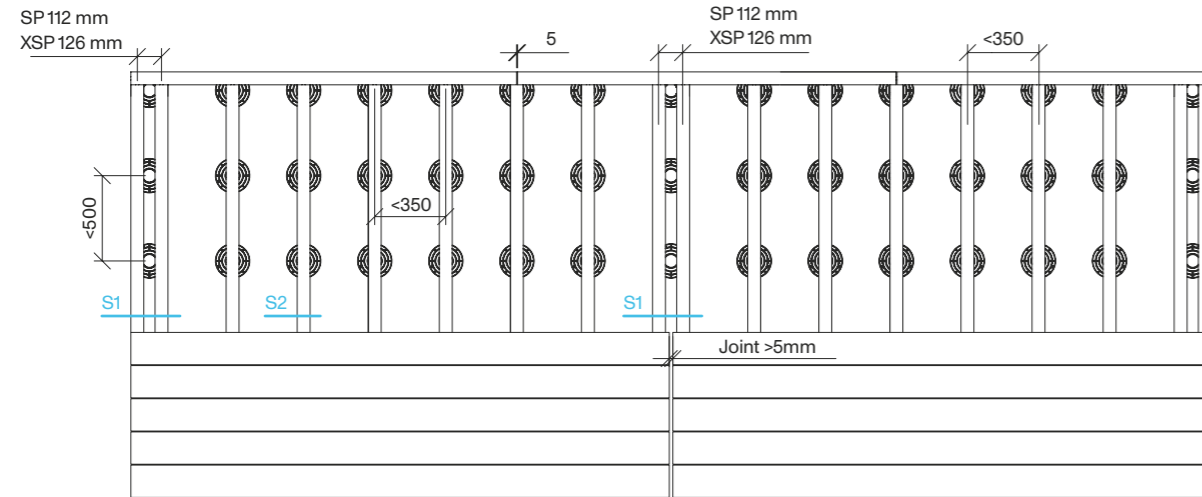
Introduce the Pedestals in the Joist.

1. Slide the Pedestals through the slot of the Joist.
2. The Clips can be inserted into the Joist slot by clicking on the Clip.

Do not hit the Joist on the Clip.
It will break the heads of the Pedestals.

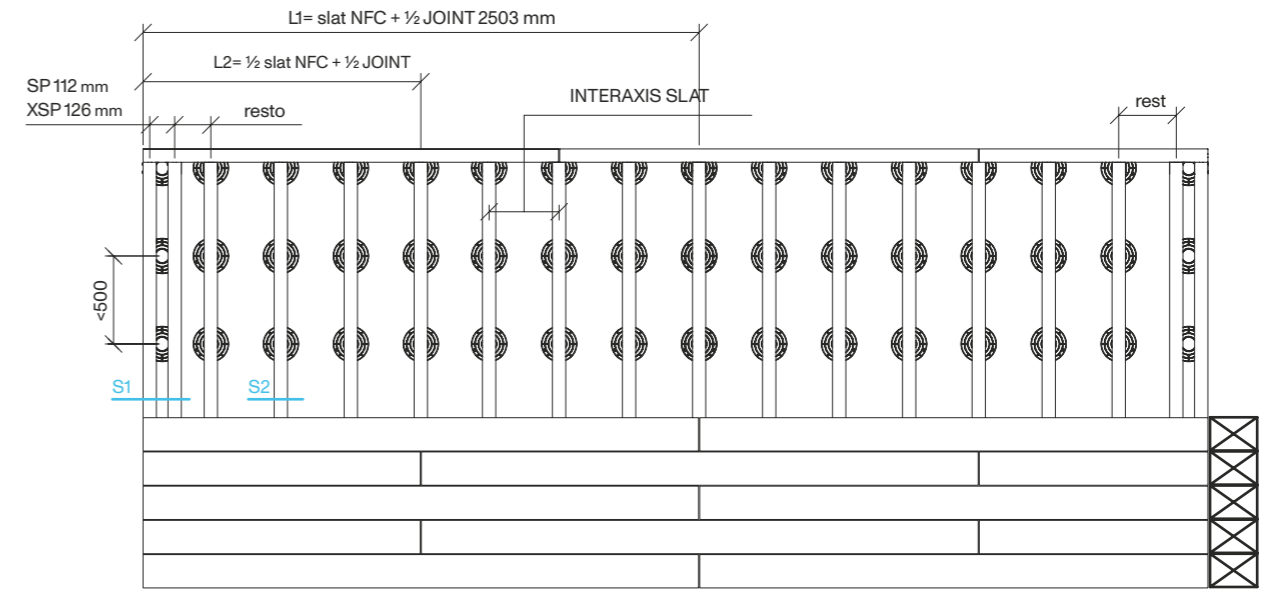


Assembly of slats in-bond. Bending joists at joints.



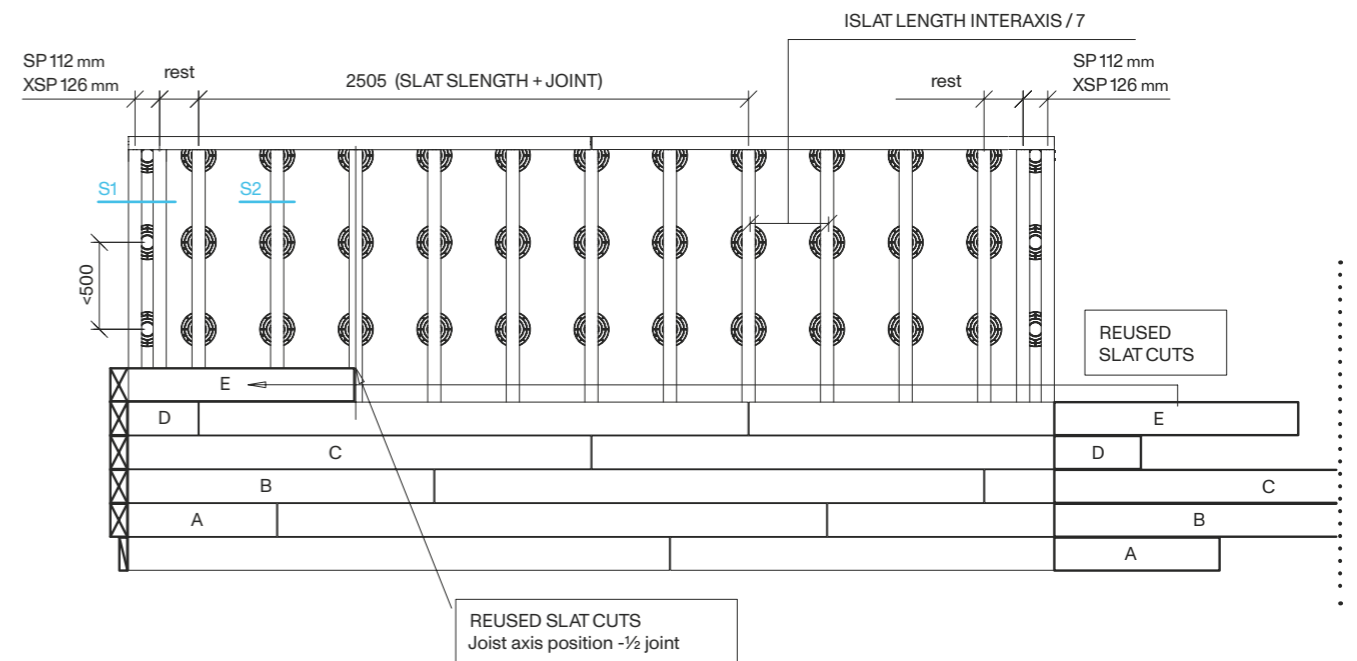
Assembly of slats half-brick.

Without bending slats at joints.

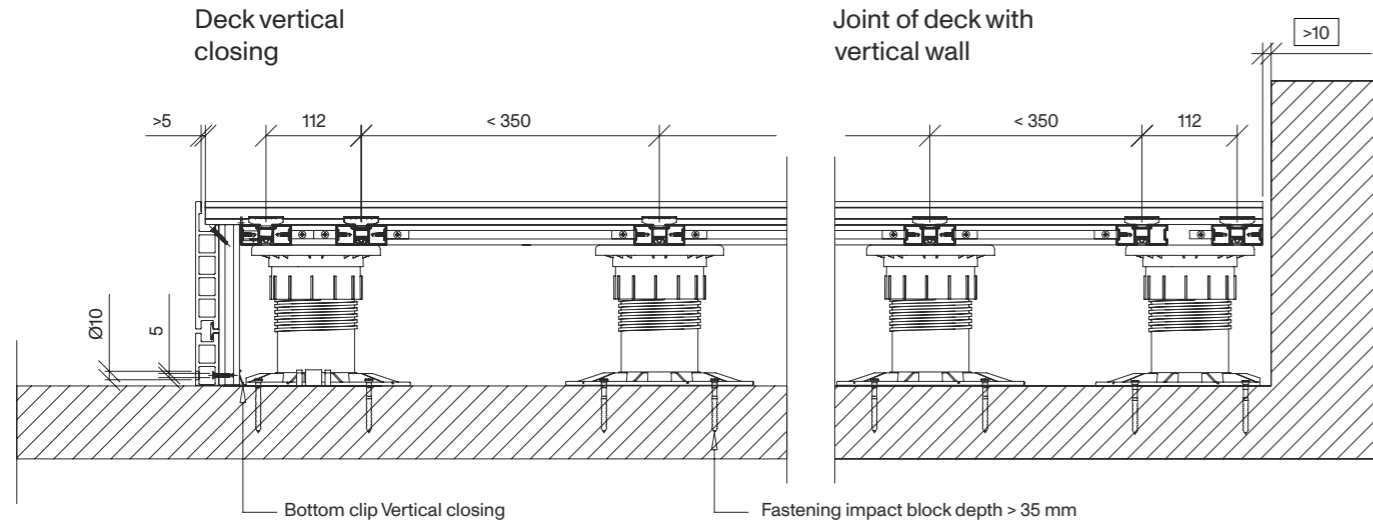


Assembly of slats to lost joint taking advantage of splits.

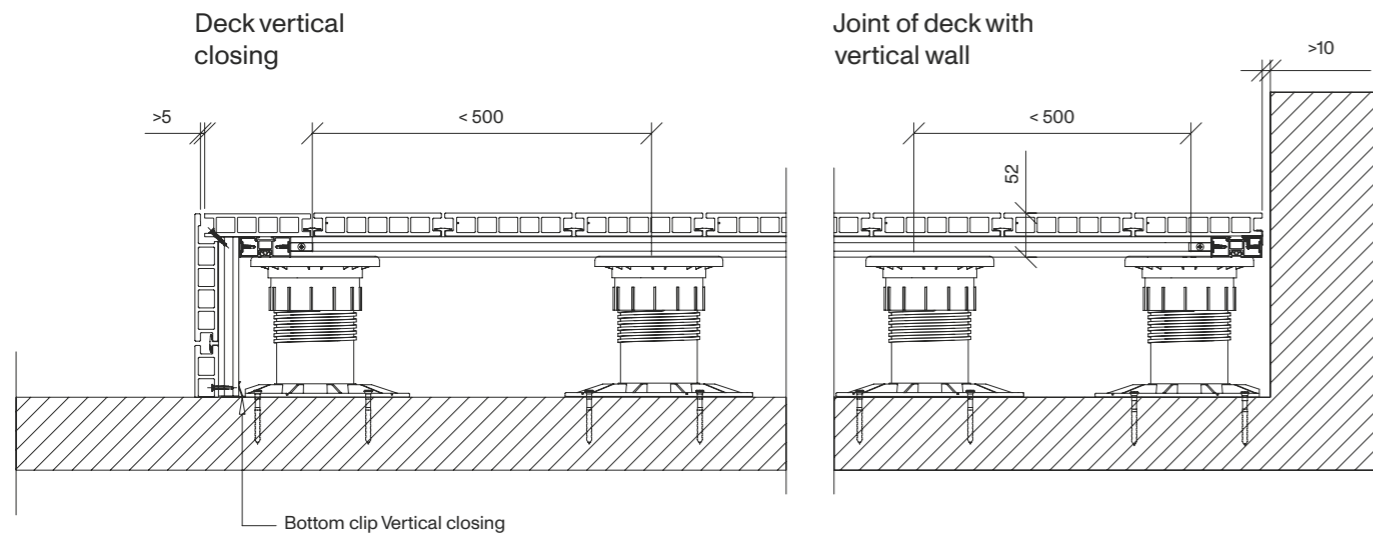
Without bending joists at joints.



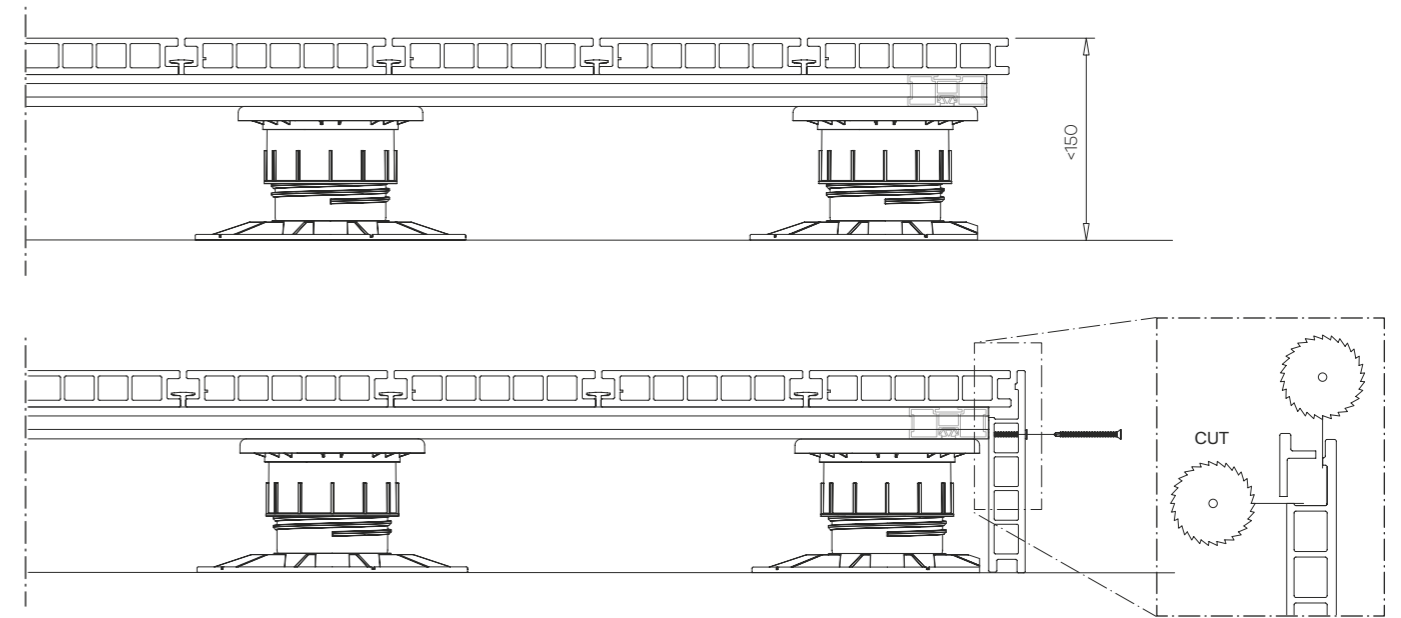
Cross section at joisting



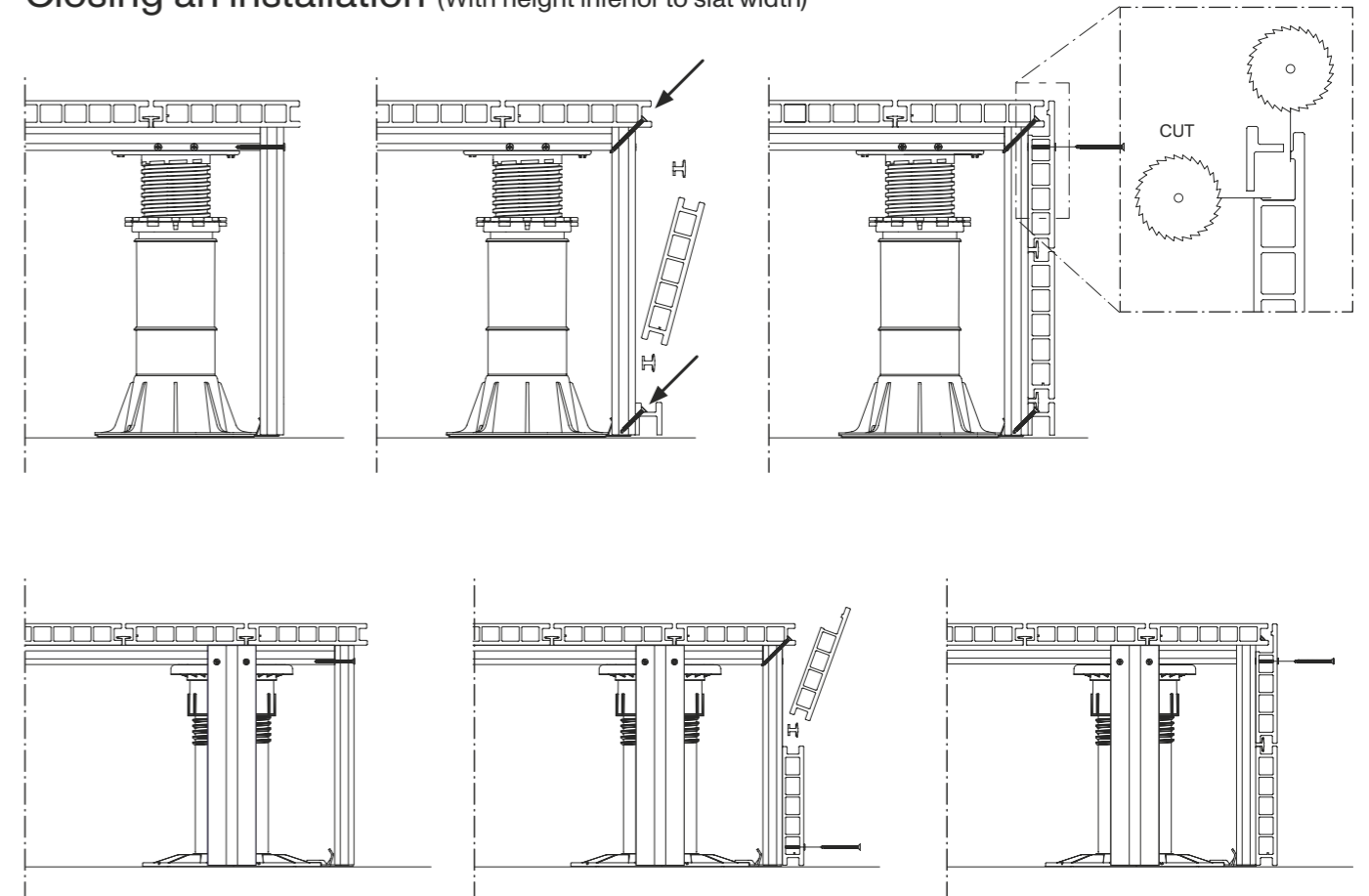
Longitudinal section at joisting



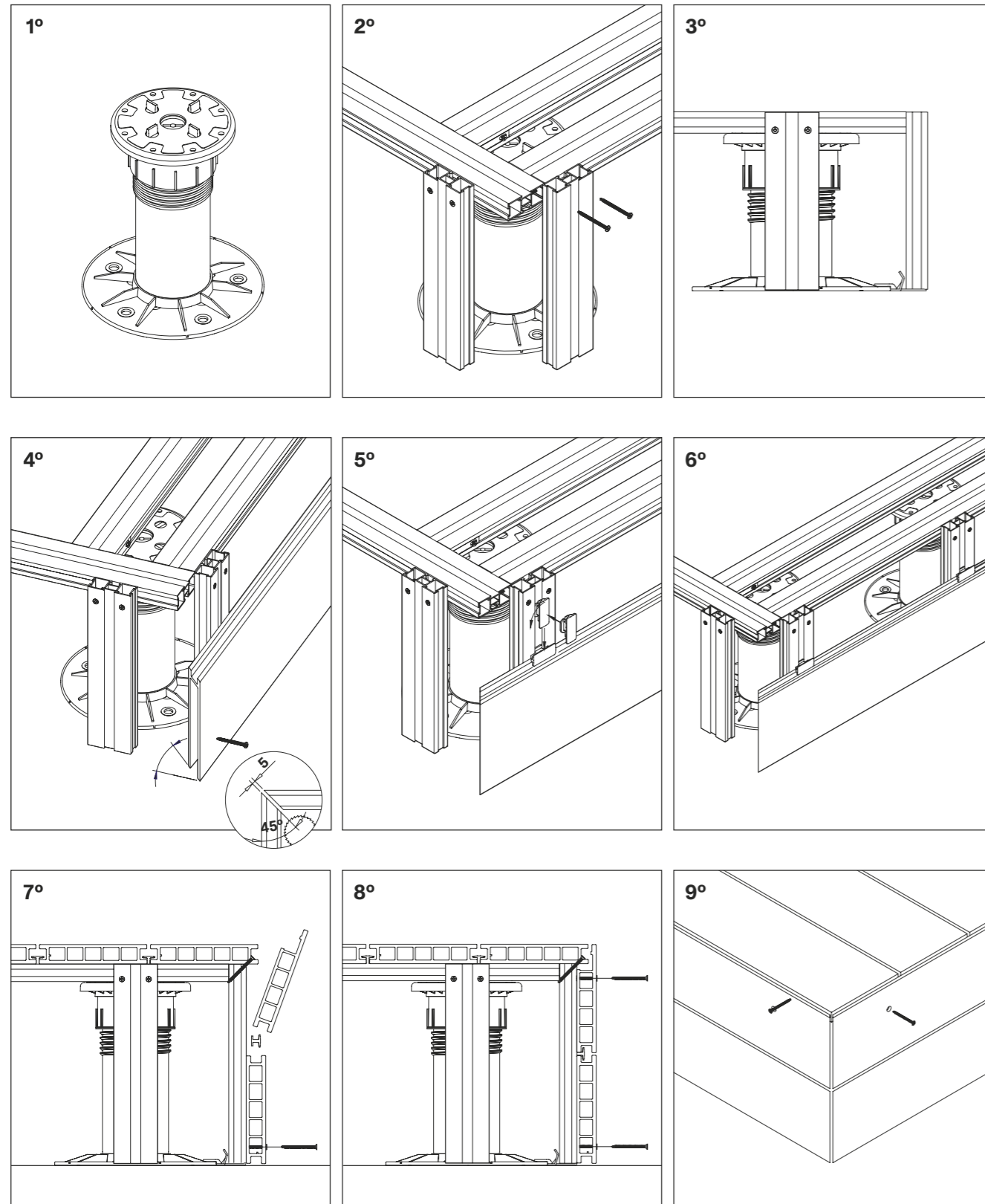
Closing an installation (With height inferior to slat width)



Closing an installation (With height inferior to slat width)



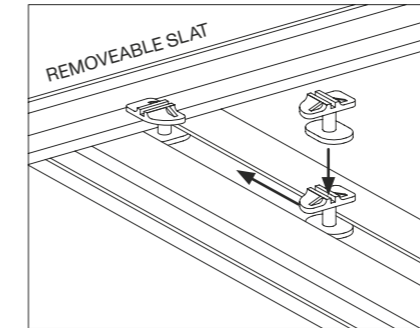
Corner closing



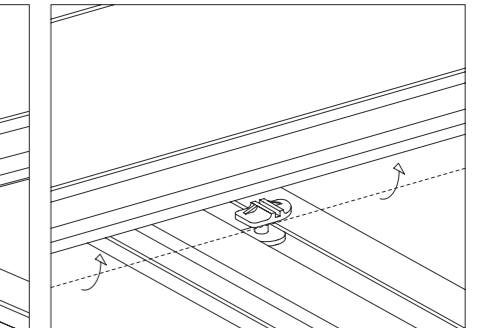
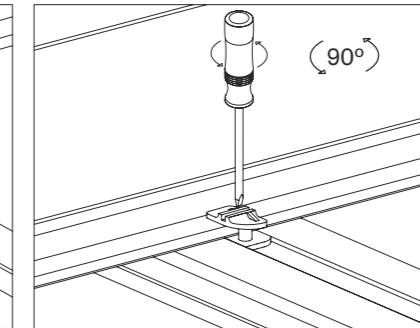
Mounting Clip for Removable Slats

The Clip for Removable Slats must only be installed on one side of the removable slat, an intermediate anchor must be installed on the other side. It is not possible to mount several consecutive slats with Clips for Removable Slats, its use must be limited to a single slat. Under no circumstances should the Clip for Removable Slats be used instead of intermediate anchors.

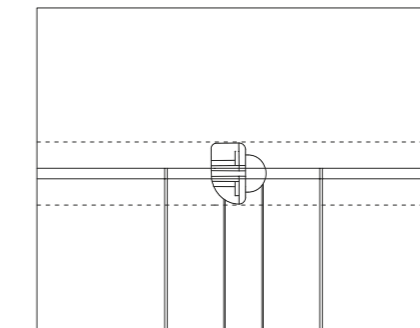
Flat side against the removable slat



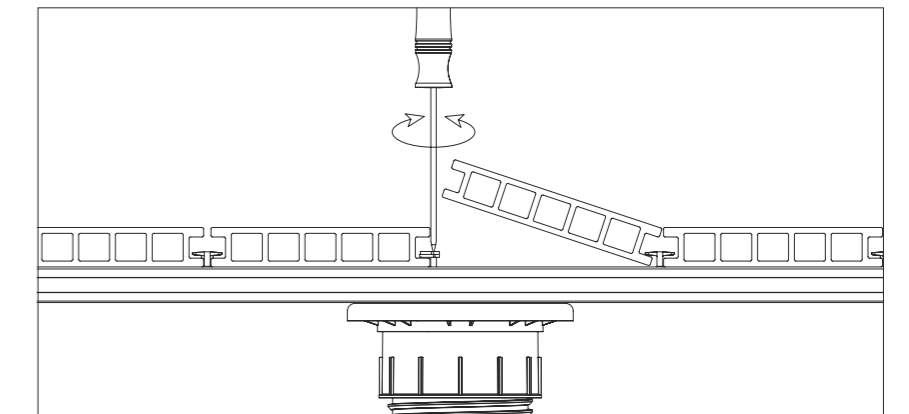
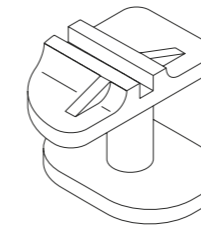
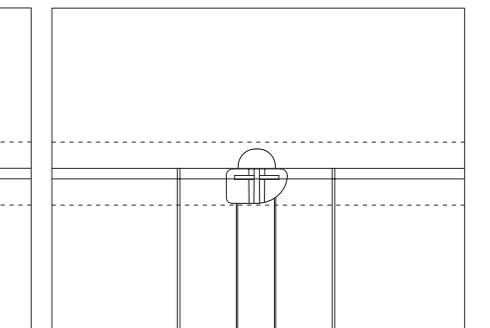
To disassemble: counter-clockwise direction of rotation 90°



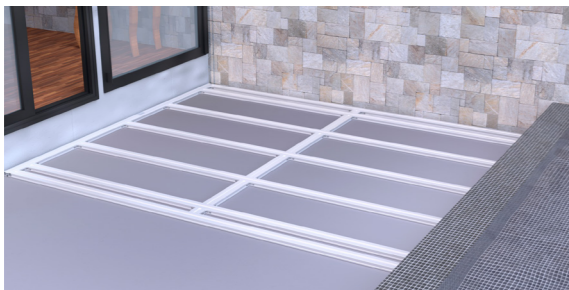
Clip in **LOCKED** position



Clip in **UNLOCK** position

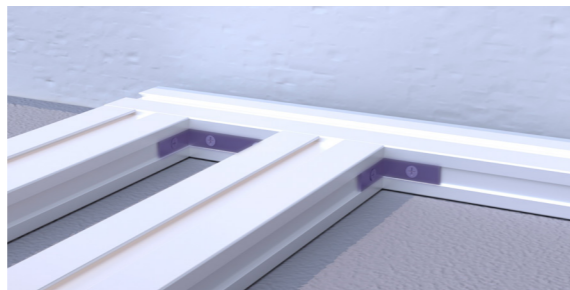


Instalation NFC Deck



1st Sub-structure assembly

When installing on plots, we recommend assembling closed frames of 2x2m with a joist axe separation shorter less than 350mm and a separation between plots shorter than 500mm. An additional joist must be assembled on the free edges.



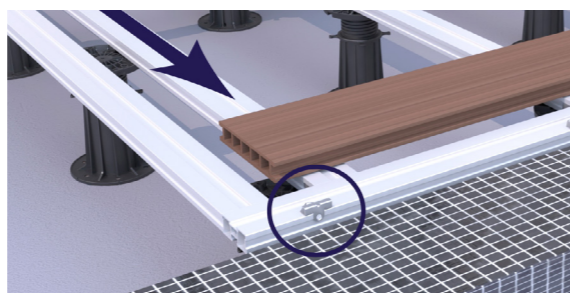
2nd Joining of edge and intermediate joists

Joining of edge joists, additional edge separation joists for 112mm SP plots and 126mm XSP plots. Joining of intermediate joists with a separation shorter than 350mm.



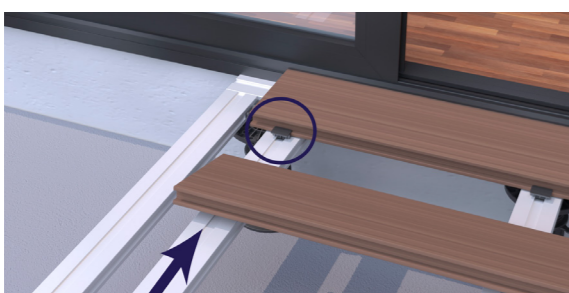
3rd Placing the plots

Place the plots supporting two joists on the edge. The structure is levelled with the corner plots and the height is adjusted in the rest. The separation between plots must be less than 500mm.



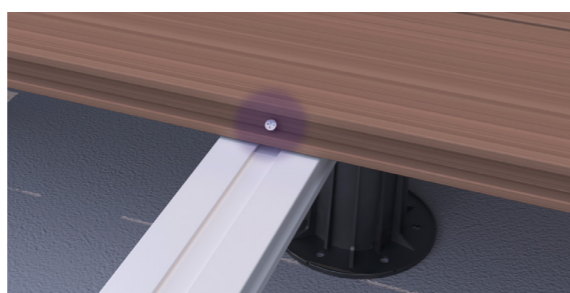
4th Placing the first board

To start the installation of NFC profiles, fasten them on the edge of the edge joist in Anchor Deck Start Steel.



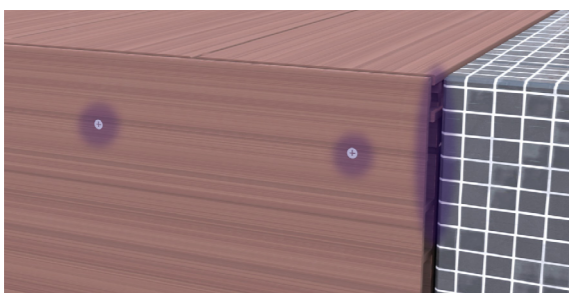
5th Assembling the board and fastening

The intermediate boards can be fastened with a 4mm Quick Deck Anchor or a 4mm Steel Deck Anchor, verifying that the boards are parallel.



6th Mechanical fixing

In order to prevent the boards from moving due to expansion, they can be fastened using mechanical fixing to a single point per board. Do not fix the two ends of the boards to avoid tensions due to expansion.



7th Vertical closing

The closing of the assembly can be done with an NFC profile by cutting the edge flaps. The mechanical fixing must be done using drilling holes with sufficient clearance to allow expansion, only one of the fastening points must be rigid.

Cleaning instructions

CLEANING INSTRUCTIONS

Although our NFC Deck do not need maintenance, it is recommended to clean the installation regularly to keep it looking good.

It is necessary to clean the space between the slats of organic debris to ensure good water drainage and ventilation.

It does not require any special treatment for its conservation after installation.

The NFC Deck is a product installed outdoors and exposed to stains from different sources. The most common, which are described below, can be cleaned following these recommendations:

WATER SPOTS

Appearance: Water stains can be caused by the splashing of water from pools, irrigation, gutter discharge, roofs, etc., or even by the morning dew.

If the assembly does not have the correct inclination, puddles of water may appear and when they evaporate may leave a visible stain formed by the substances dissolved in the water, and even the juices from the vegetable fibres of the platform itself that the water may extract. These stains are normal in this type of material and are not a deficiency of our product, they do not affect the quality of the profile.

Cleaning: Cleaning such stains is very simple. Wet the floor and use a mop or a clean broom, so that there are no puddles left on the floor. Let it dry.

If any of the stains persists, repeat the operation by adding some soapy cleaner for wood in a bucket with little water. Wet the broom with the liquid and rub the surface until it creates a foam. Remove stagnant water using a broom to prevent creating any puddle.

For lime stains that may persist, use a vinegar-based cleaner, applying it directly on the slat previously moistened with water, then scrubbing and rinsing with water, as usual, preventing the formation of any puddle.

SODA, WINE, COFFEE STAINS.

Soda, wine or coffee stains are removed with a soapy wood cleaner. If any of these persists, repeat or clean with bleach diluted in water. Do not leave the bleach acting on the deck for a long time. Rinse with plenty of water.

GREASE, SOLAR CREAM, OIL STAINS, ETC.

Clean the stain as soon as possible. First remove the oil, cream or grease from the surface with an absorbent paper or cloth. When no more substance can be removed, apply the grease-removing cleaner for composite wood, following the instructions for use:

- Perform cleaning in a sufficiently ventilated place.
- Use latex or vinyl gloves.
- Remove excess oil with an absorbent tissue, try not to spread the stain.
- Wet a cloth or sponge with the cleaner and rub vigorously on the stain in several directions. Repeat two times
- Leave on for 1 minute and rinse with plenty of water.
- Without letting it dry, pour a splash of dishwasher soap in a bucket with little water. Remove with a clean broom. Soak the broom well in the soapy water in the bucket and rub on the treated surface in several directions until foam appears.
- Leave on for a few minutes and rinse with plenty of water. Eliminate possible puddles of water. Let dry.

These types of spots disappear over time due to the effect of the sun and the weather.

It is not recommended to install the decks in barbecue areas.

TREE RESIN STAINS

For stains produced by tree resin, clean using a cloth moistened with ethylic alcohol. Do not apply ethylic alcohol directly, since this can stain the deck.

RUST STAINS

For rust stains, apply "Ferrokit". Leave on to dilute the stain and rinse.

STAINS OF ORGANIC MATTER IN DECOMPOSITION

Use bleach diluted in water and scrub with a brush. Then rinse thoroughly.

DIFFICULT STAINS OF UNKNOWN NATURE

For difficult stains of unknown nature, follow different cleaning steps:

- Water
- Soapy Cleaner
- Diluted bleach (then rinse with water)
- Concentrated bleach (then rinse with water)
- Diluted hydrochloric acid (followed by immediate rinsing with plenty of water)

SURFACE BURNS OR DAMAGES ON THE DECK

For alterations or damages (burns, discolourations by external agents) of the deck surface, clean with a scourer or sandpaper of small granulometry. For small alterations, you may also use a cutter in the brush or longitudinal direction of the deck.

On the sanded surface there will be a slight change of tone that will match the rest of the deck over time.

SNOW

Use coarse salt to remove snow and let it melt. If you remove the snow with a shovel, use one with a rubber protection tip or similar to avoid damaging the platform.

REGULAR CLEANING

In case of stains, act as quickly as possible to avoid surface absorption.

Even if the assembly does not present any prominent stain and does not require any maintenance, it is advisable to perform a general cleaning every 3 or 6 months, depending on use and installation area, thus achieving a better appearance and maintaining the beauty of your assembly. To this end, clean following the steps below:

- Use a pressurized water jet machine (max. 80 bar), using the fan or open jet and run the water in the groove direction. Avoid circular movements since this leaves marks on the deck. This will help remove dirt and embedded dust.
- In a bucket with little water, pour a little soapy cleaner and bleach and, with a clean broom, rub vigorously in different directions until creating a foam. Leave on for a few minutes, rinse with plenty of water and avoid leaving puddles. Let dry.

Depending on the size of the assembly, this cleaning should be done in one go or creating zones and cleaning one at a time.

The surface layer of the NFC Deck is porous, but the pores are shallow, so stains can be removed by sanding. If the stain has penetrated the floor, you can sand the surface with soft sandpaper or a metal brush, always in the direction of the groove. This process will produce a slight whitening on the brushed area that will match the rest of the platform over time.

Except for the soapy cleaner, always perform a cleaning test in a less visible place of the floor to observe the results. Strictly follow the cleaning instructions. The use of other cleaning products or improper use are at the sole responsibility of the customer.

Our NFC Deck is not resistant to acetone, strong acids, silicones or paints.

NFC Deck guarantee

Peygran offers a 15-year guarantee on NFC profiles that form the surface of the deck, guaranteeing that it will not rot, splinter or be infested by insects and fungi.

In the event of a defect in the above, the guarantee will exclusively cover the replacement of the profiles affected by equivalent profiles at the time of the claim.

Any other possible compensation or claim relating to the disassembly and assembly of the replaced parts, transportation and other costs resulting from the defective product is excluded.

The warranty does not cover incorrect use, weight overload, incorrect installation and non-compliance with the assembly instructions, or the use of products outside the Peygran NFC Deck System.

A slight lightening of colour will occur over time. This does not constitute a reason for claiming.

This warranty will only be extended for assemblies mounted with Peygran clips, joists and accessories.

To make the possible claim you must submit: Purchase invoice, photographs of the defective parts and description of the damage.



Changing the rules



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