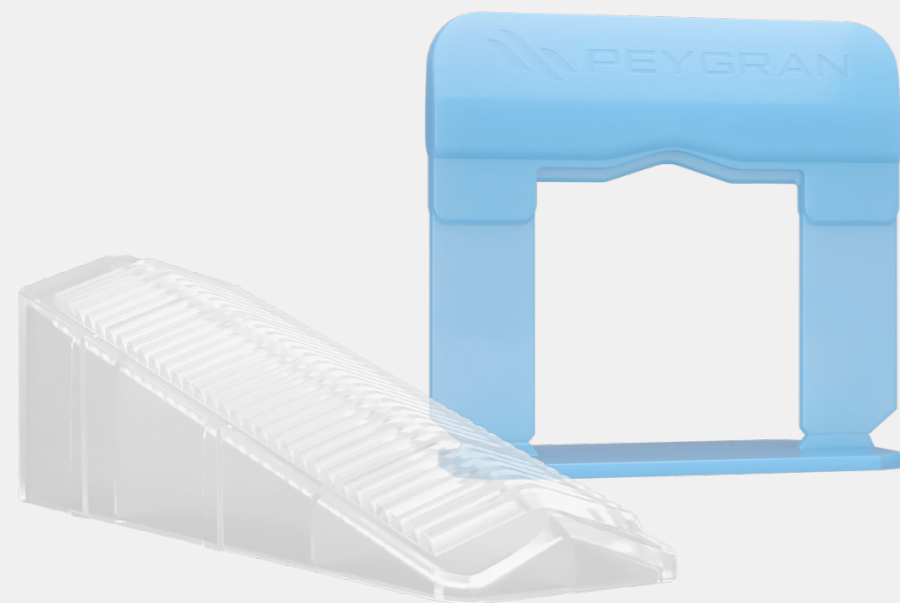


# LS Compact™

Compact and angular



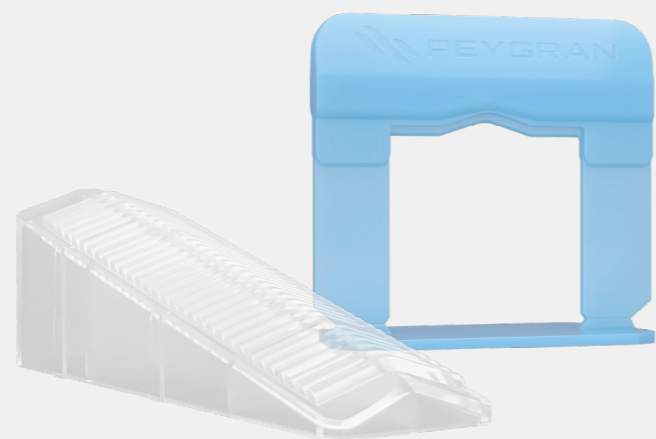
## Wider wedge and more compact crosshead

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.

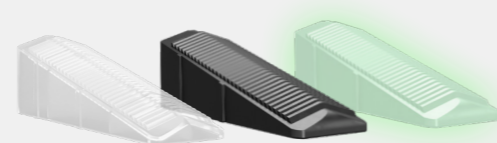
Firstly, the wedge surface is angled to offer a greater and more effective grip with the clip and, in addition, it creates a smaller opening in the joint.

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

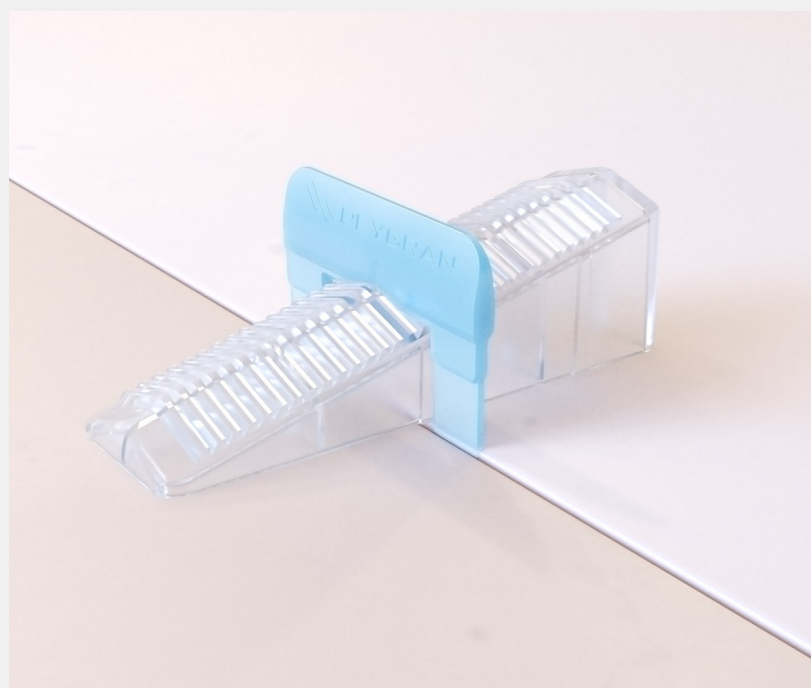
# LS Compact™



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

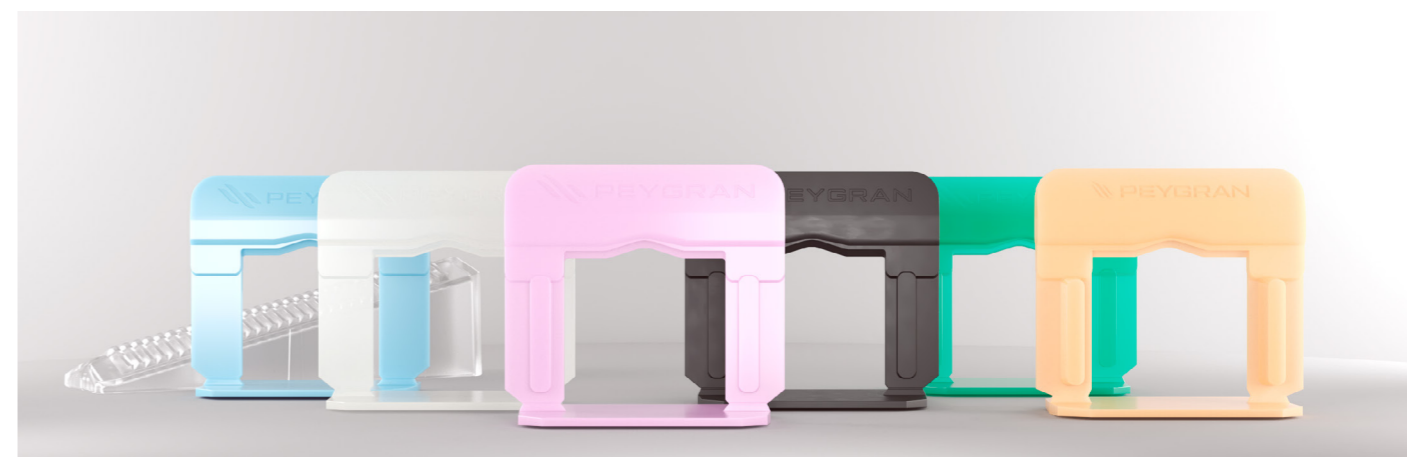
The new Compact Clip offers all the new functionalities of the LS Classic in a more reduced format. The new wide wedge guarantees the same tightening force and has a graded thickness in the head, so it can be used as a wedge after it is removed, ensuring a new sustainability level.

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	PACKING			
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	PACKING			
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

200 units



500 units



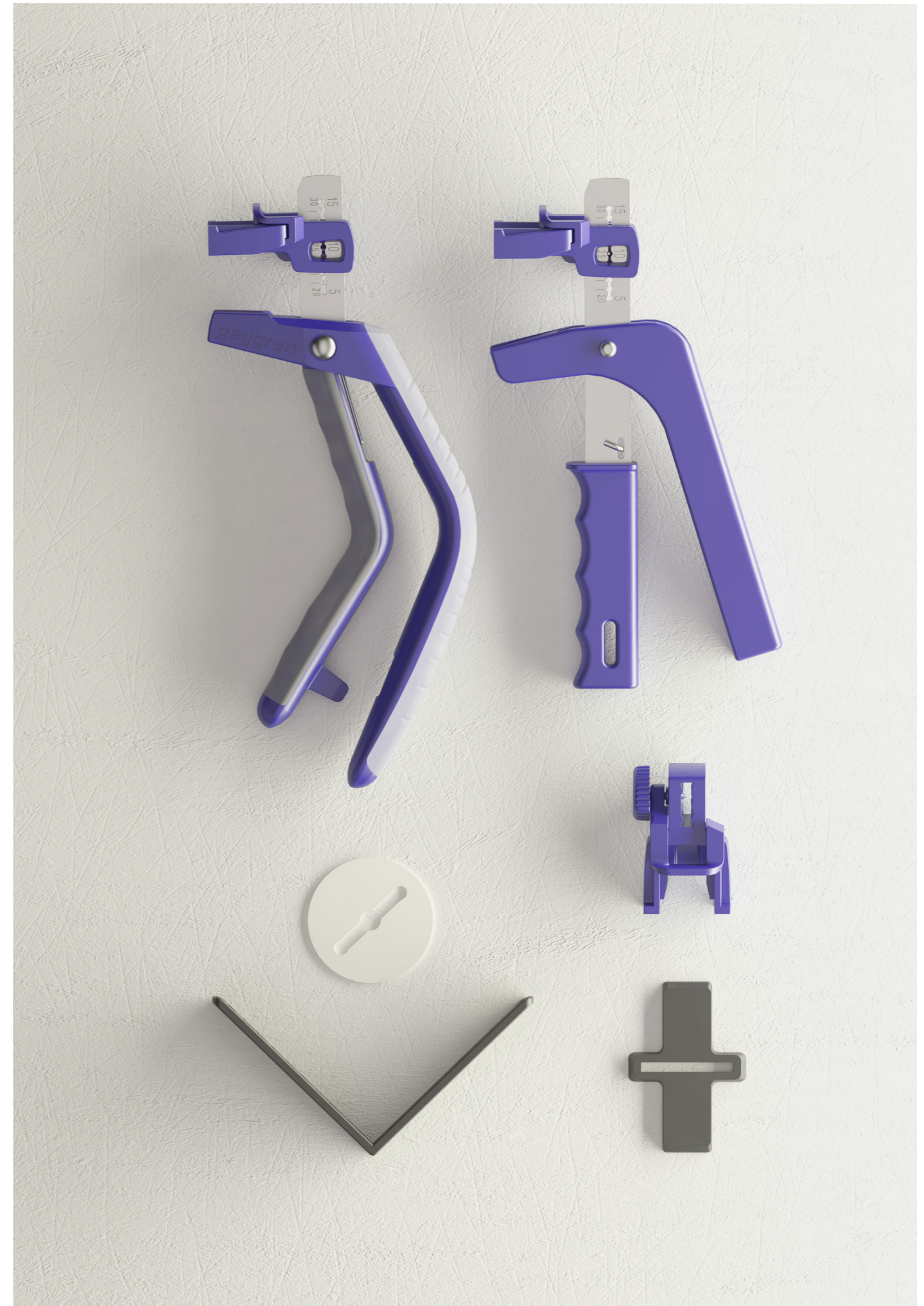
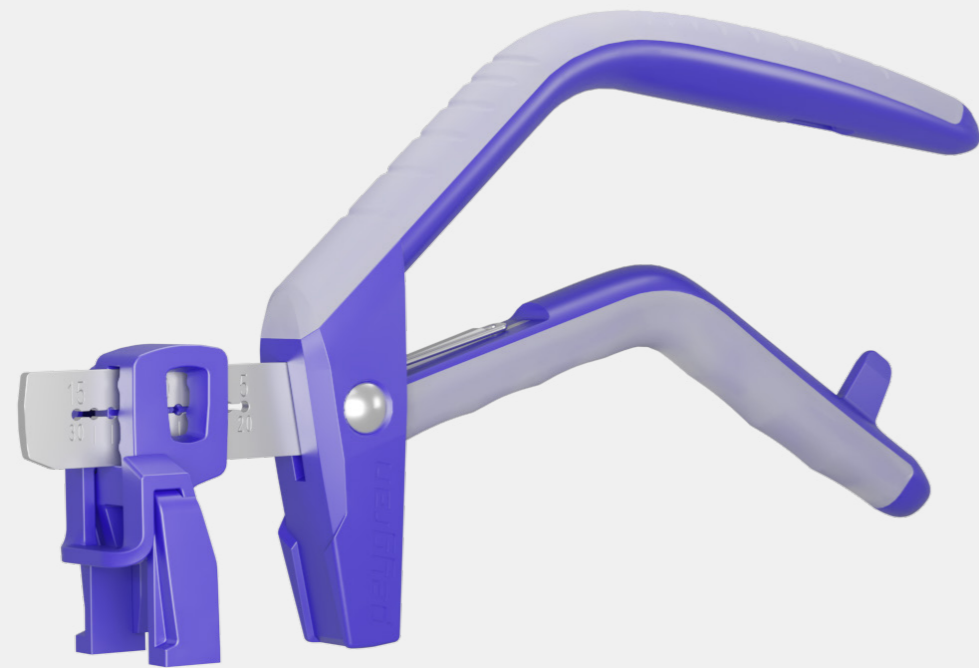
200 units



500 units



# LS Accessories

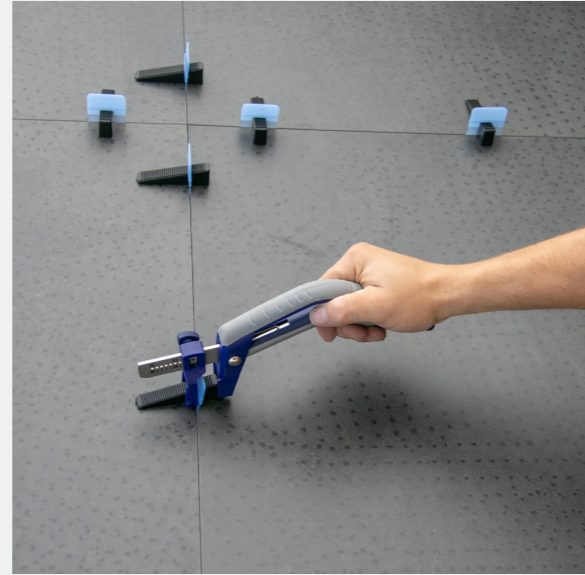


# Ergonomic Pliers

LS Compact™

LS Classic™

LS Stone™

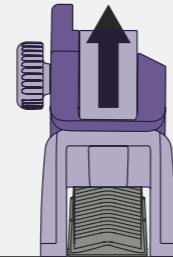
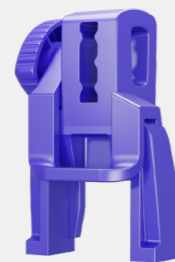


The Peygran Ergonomic Pliers for Levelling System minimises the fatigue and injuries caused by muscular overexertion during tiling and flooring works, creating perfect finishes with less time and effort. Prevents the problems caused due to bending the wrists by aligning the rotation and push axes with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

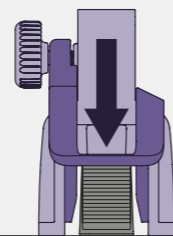
Peygran's R & D department has designed this tool in close collaboration with a team of health and physiotherapy professionals, carrying out ergonomic tests with the aim of minimising risk exposure to avoid occupational diseases.

### NEW DUAL HEAD.

Practical for both our LS Classic and LS Compact wedges.



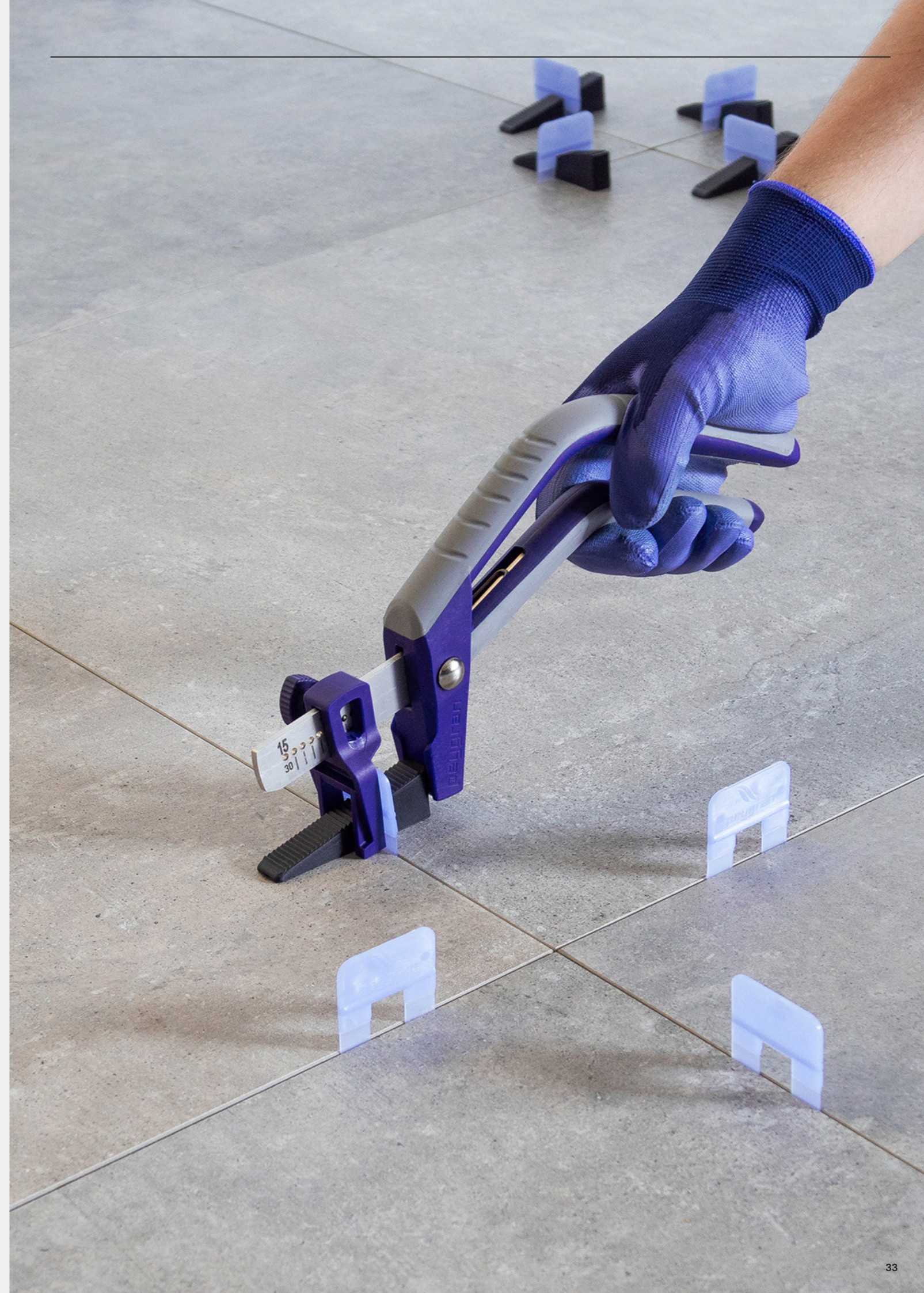
LS Compact™  
LS Stone™



LS Classic™

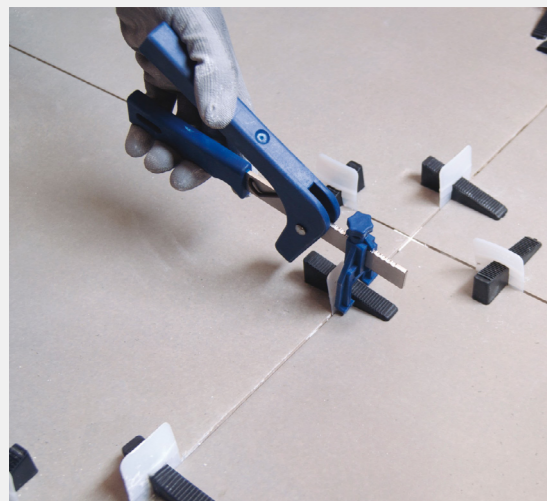
### PACKING

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.

### PACKING

REF.	ARTICLE				
03010300A	LS Accessories Pliers 1 unit	70	395x295x450	16,13	8425402085233



# Wedge-base

LS Compact™  
LS Classic™  
LS Stone™



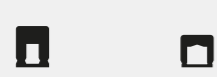
Which clip do you need? According to the tile thickness

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



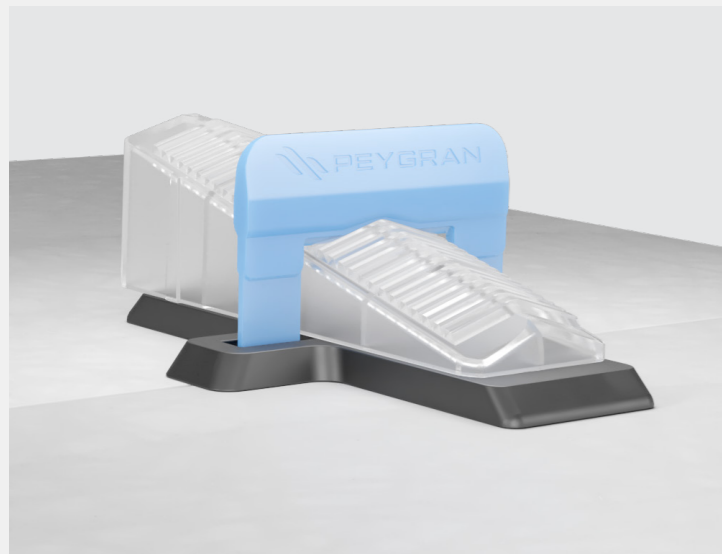
LS Classic / LS Compact



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.

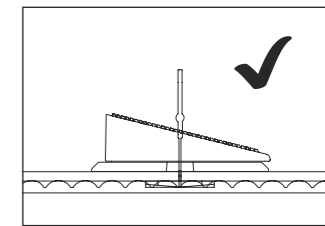
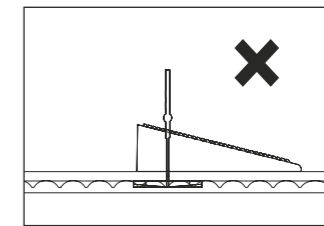
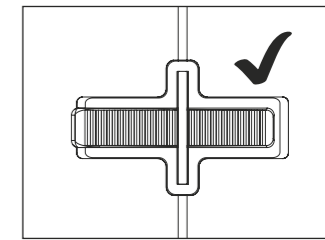
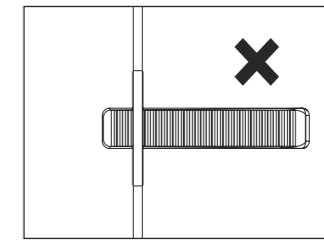
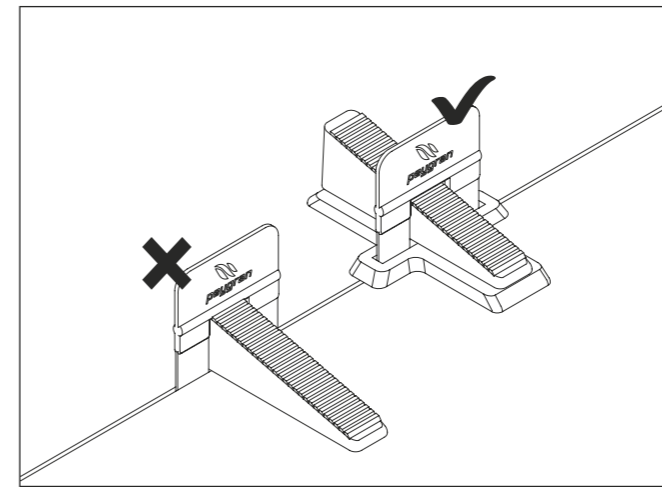
PACKING

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



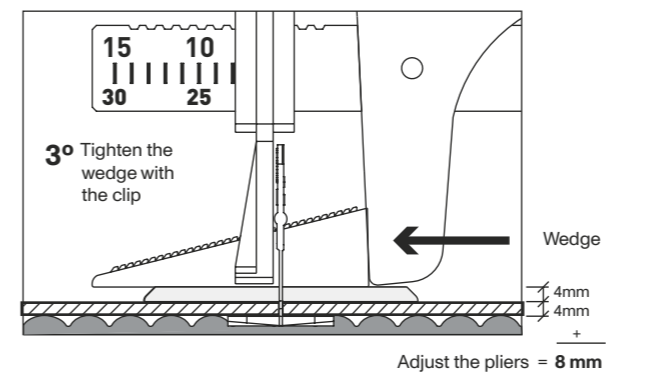
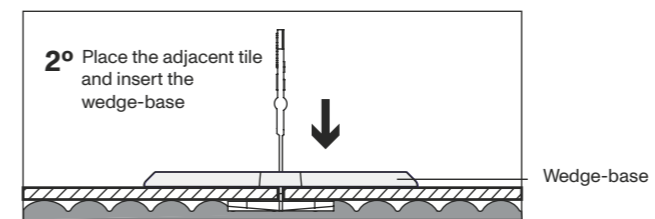
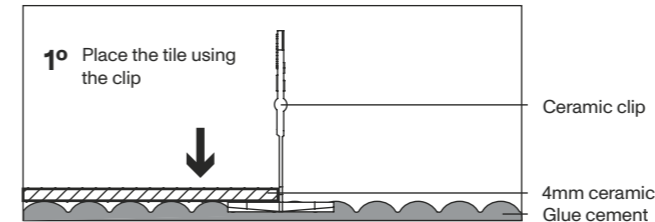
40 582x400x385 17,44 8425402085318

# Installation



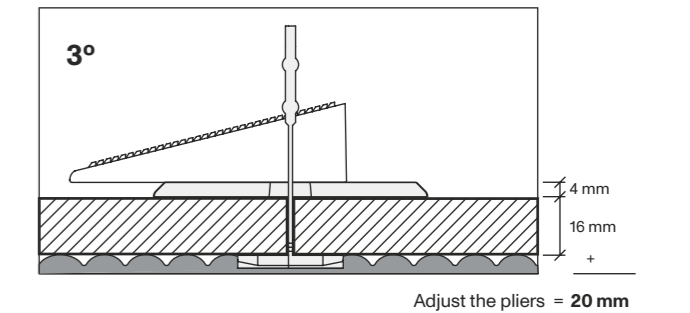
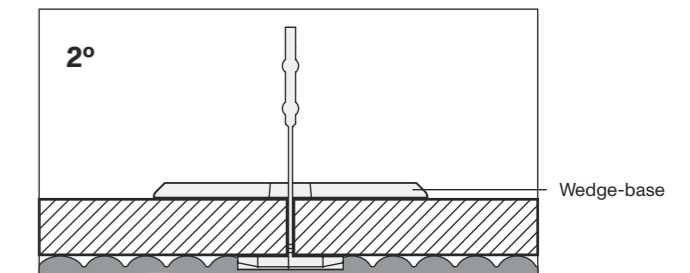
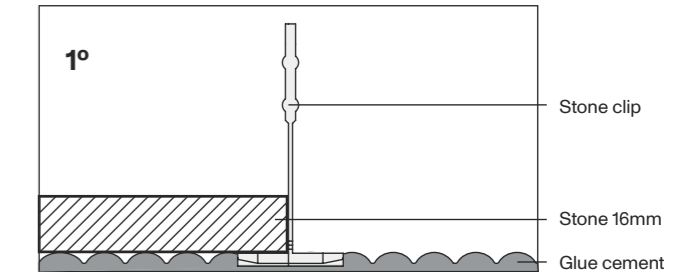
## SLIM format (3 to 5 mm)

4 mm ceramic



## STONE format (16 to 19 mm)

16 mm stone



# Protector

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



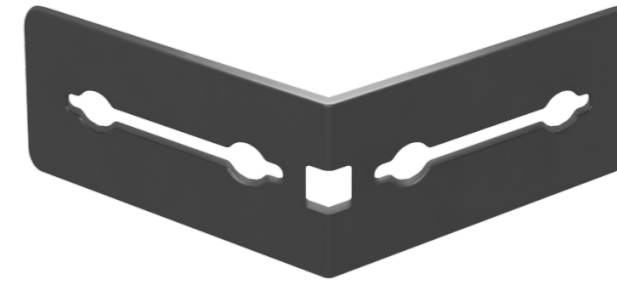
Specially designed to protect the tiles (specially in the case of delicate ceramics and fine thickness) when using the Peygran Leveling System.

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.

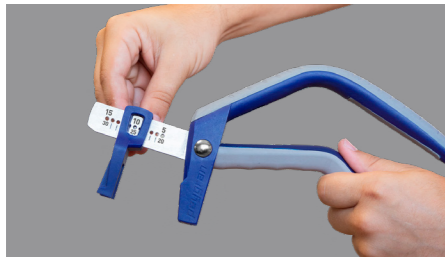
In addition, the new Levelling Bracket improves final results in steps. You can superimpose two pieces if you have two corners close to each other.

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

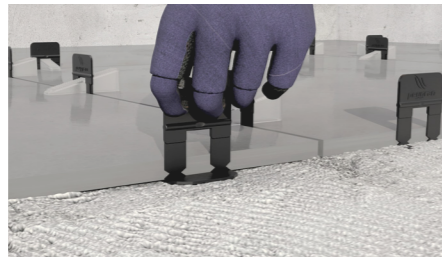
# Installation

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.



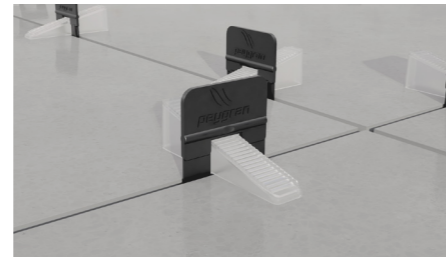
### 1 - ADJUST THE PLIERS

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



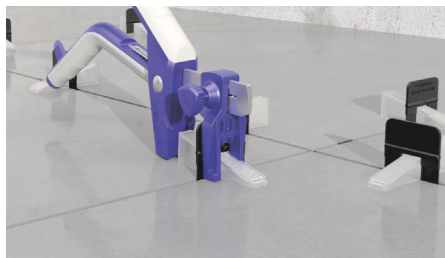
### 2 - PLACE THE CLIPS

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).



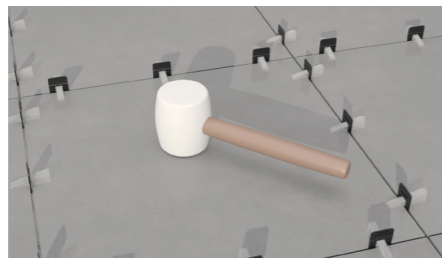
### 3 - INSERT THE WEDGES

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.



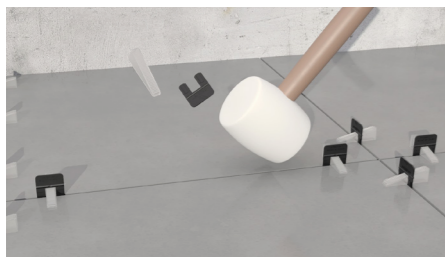
### 5 - TAP GENTLY WITH THE MALLET

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



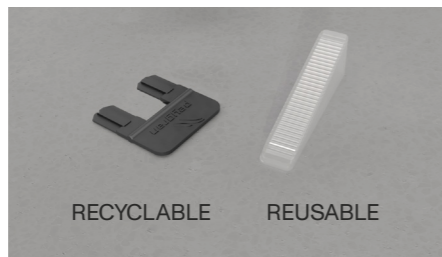
### 6 - ALLOW FOR SETTING

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.

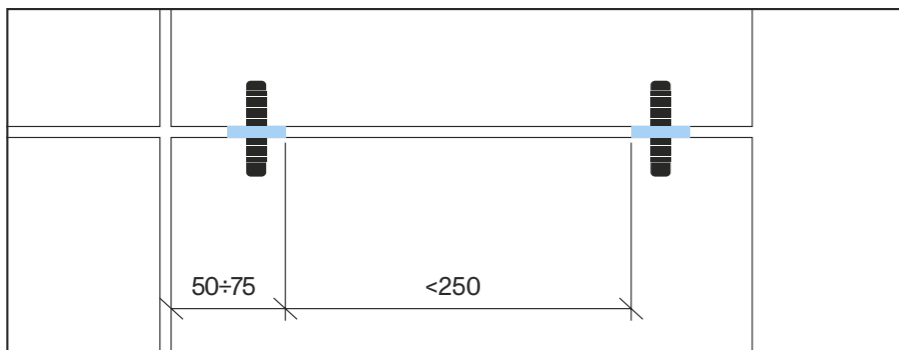


### 8 - REUSABLE WEDGES

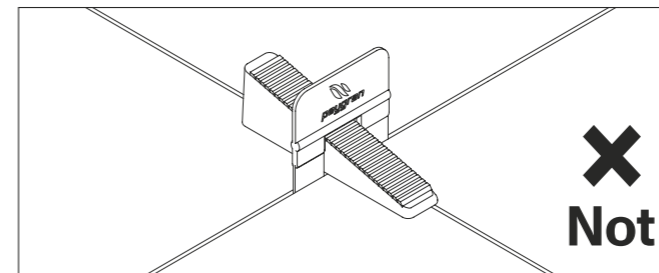
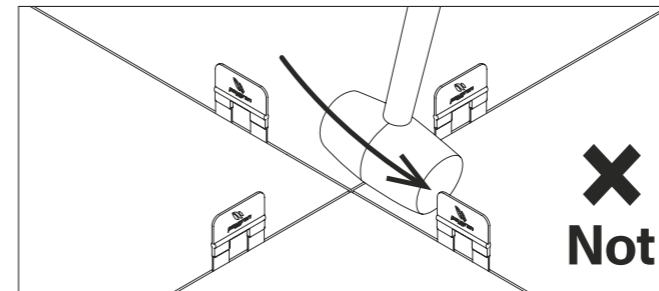
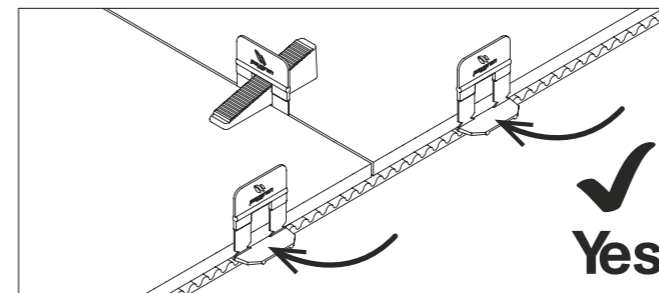
Finally, recover the wedges, dispose of the rest of the clip and grout the tiles.



MODE OF USE  
 YouTube



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.



**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.

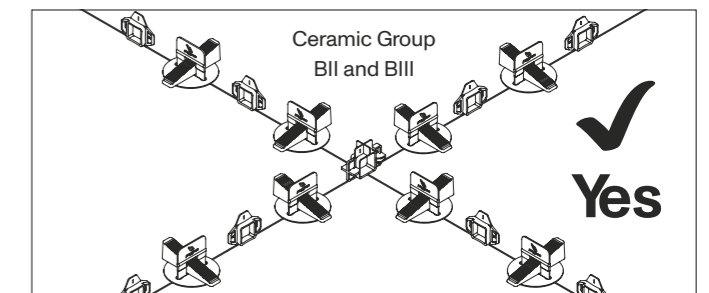
**Never install the levelling system at the tile corners.**

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.

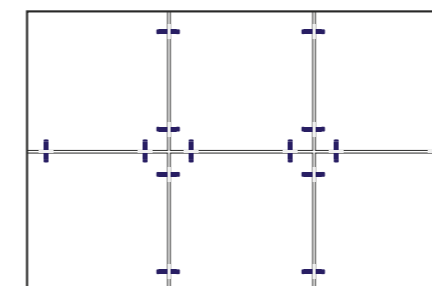
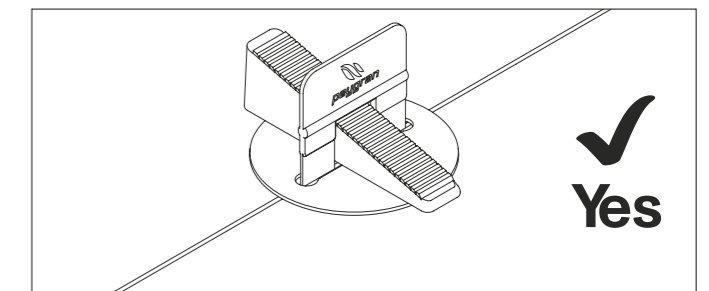
It is recommended to always use Multi Series spacers or tile spacers together with the levelling system clips to avoid possible damage to the tile.

**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.

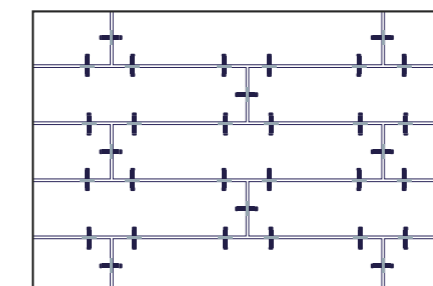


### It is advisable to use the Protector Plate in non-slip ceramics.

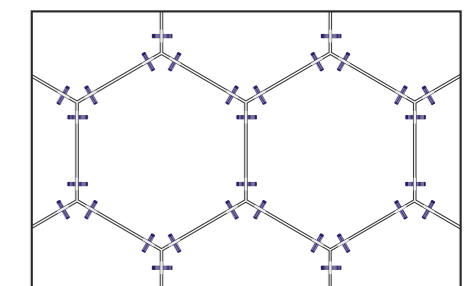
When removing the Levelling System in non-slip ceramics, the Protection Plate prevents the Wedge from slightly marking the ceramic.



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



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



**Special format slabs.**

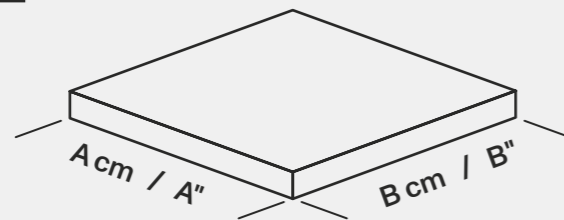
# How many pieces do you need?

□ / 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	200																						80
	15	133	89																					72
	20	150	100	100																				60
	25	120	80	80	64																			56
	30	100	67	67	53	44																		48
	35	86	57	57	46	38	33																	44
	40	75	50	50	40	33	29	25																40
	45	89	59	56	44	37	32	28	30															36
	50	80	53	50	40	33	29	25	27	24														32
	55	73	48	45	36	30	26	23	24	22	20													28
	60	67	44	42	33	28	24	21	22	20	18	17												26
	65	62	41	38	31	26	22	19	21	18	17	15	14											24
	70	71	48	43	34	29	24	21	22	20	18	17	15	16										22
	80	67	44	40	32	27	23	20	21	19	17	16	14	15	14									20
	90	63	42	38	30	25	21	19	19	18	16	15	13	14	13	13								18
	100	56	37	33	27	22	19	17	17	16	14	13	12	13	12	11	10							16
	110	60	40	35	28	23	20	18	18	16	15	13	12	13	12	11	10	10						14
	120	58	39	33	27	22	19	17	17	15	14	13	12	12	11	10	9	9	8					12
	140	50	33	29	23	19	16	14	14	13	12	11	10	10	10	9	8	8	7	6				10
	150	53	36	30	24	20	17	15	15	13	12	11	10	10	10	9	8	8	7	6	6			8
180	50	33	28	22	19	16	14	14	12	11	10	9	10	9	8	7	7	6	6	5			6	
200	50	33	28	22	18	16	14	13	12	11	10	9	9	9	8	7	7	6	5	5	5		4	
↗		10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	90	100	120	140	150	180	200	B

A"

□ / m<sup>2</sup>



Example:

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

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

