

RAISED EXTERNAL TERRACE SYSTEM

Raised flooring is the ideal solution for outdoor paving designed for both public and private use. The system is easy to install and reposition in the event of changes to installation or modifications to the substrate. It also allows for easy management of the cable duct, pipe, and equipment, as well as swift inspection of the waterproof membrane.

The floor system has the dimensions and mass to deliver the mechanical resistance and longevity demanded by the diverse requirements of outdoor paving. It absorbs any expansion and structural movements, thus preventing the formation of cracks on the waterproofing. Whilst the absence of screed substantially reduces the burden on the structures; providing high resistance to loads.

Our adjustable supports and compensation accessories can be used to level floors, easily and quickly, while compensating for even the smaller slopes of the support plane.

The installation of the pedestal supports is extremely easy and requires very few steps: the supports are designed to be simply laid over the waterproofing membrane or any other surface to be paved. After a first rough adjustment, the laying of the chosen floor is completed with pinpoint precision by using the adjustment key. The innovative bi-component head offers an exclusive support in soft anti-noise and anti-slip rubber. The tabs can be easily removed, while the base provides innovative pre-cuts for faster and more precise installation.

ADVANTAGES OF RAISED FLOORING



1 - Excellent hideaway for pipes and other systems

The space between the floor and the underlying membrane allows the passage of pipes and other systems, masking them but still allowing for easy inspection.



2 - Significant weight reduction

With the elimination of the concrete screed, the raised floor allows a substantial reduction of the weight on the structure, which can be built at substantially lower costs.



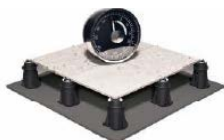
3 - Excellent absorption of structural movements

Being independent, the paving and supports can absorb expansion and structural movements.



4 - Floor always levelled and easily inspectable

The pedestal system makes it possible to compensate for the small differences in height and slope of the laying surface. It also allows for the laying surface and any installed services to be accessed and maintained without damaging the paving. In case of laying on waterproofing membrane, this can be easily inspected due to the absence of mechanical fixings between the covering and the supports.



5 - Speed of installation

The speed of installation ensures considerable advantages in the management of the building site, generating economic savings and increasing organisational efficiency; in case of renovations, the reduced intervention time reduces any disruption to the local environment whilst works are completed.



6 - Rapid water outflow

The small open joint between one plate and the other allows the rapid drainage of water.



7 - Environmental awareness and cleanliness

Everything is recyclable, both the flooring elements and the supports' substructure. At the end of the life of the building and / or floor, everything can be easily removed and recycled without any impact on the environment. The "dry" laying system does not require adhesives nor chemical products.

ADVANTAGES OF RAISED FLOORING



8 - Strong weight resistance

The sturdy structure of the support, which is given not only by the experience in formulating the compound but also by the continuous threading between base and screw, guarantees a strong, safe and long lasting product.



9 - Better sound insulation

Thanks to the anti-slip and anti-noise bi-component head, our supports are the only ones in the world able to reduce the sound impact level up to 25 dB.



10 - Better thermal insulation

The space between the paving and the underlying membrane favours a constant air passage. This helps extending the life of the waterproofing membrane, which is also protected from UV degradation, and improving thermal insulation.

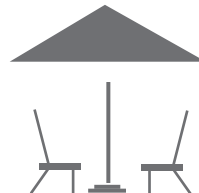
AREAS OF APPLICATION



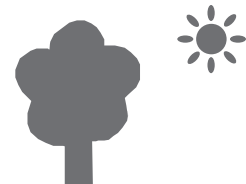
Residential Areas



Commercial Areas



Terraces

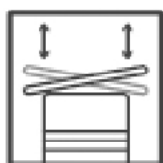


Garden, courtyard or patio



PEDESTAL FEATURES

The pedestal system is definitely the high point of contemporary paving. It is based on a series of adjustable modular supports that simply and safely adapt to all kinds of floors. It ensures elegant, homogenous paving each time, without having to subject the building to radical structural work. It eradicates problems of damp, water infiltration and accommodates cables and pipes, whilst allowing for a quick inspections.



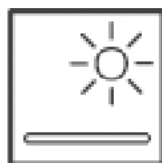
Self-levelling head that automatically compensates up to 5% slopes



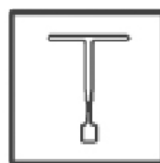
Head with upper part in noise reducing antislip rubber



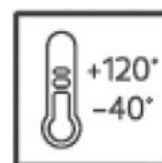
Smooth support base of 320 cm²



Can be used in conjunction with any outdoor flooring



Possibility of adjusting the height once the floor has been finished, thanks to the exclusive adjustment key



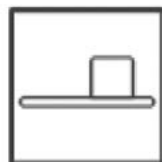
Resistant to temperatures ranging from -40 °C to +120°C



Fully recyclable



Resistant to weathering, acids, UV rays and wear and tear



Easily removable tabs



Test of tensile strength certified



Utilization of Twist slope compensator

ADJUSTABLE SUPPORT

Adjustable supports boast a wide range of features that render it perfect for any number of raised flooring applications, including noise-reducing rubber ends, a special adjustment key, variable heights and a pre-cut base for wall corner cuts.

Featuring an above average tensile strength and a reliability that can only be offered by experts in the field of raised flooring supports, this product is regularly selected and widely appreciated throughout the building industry worldwide.

The adjustment of the slope takes place via the appropriate Twist slope compensators.

TESTED FOR LOADING BEARING CAPACITY

ADVANTAGES

- Head with upper part in noise-reducing anti-slip rubber
- Easily removable tabs
- Precision adjustment from 25 mm
- Possibility of adjusting the height once the floor has been finished, thanks to the exclusive adjustment key
- Smooth support base of 320 cm²
- Utilisation of Twist slope compensator TW 110
- Resistant to temperatures ranging from -40°C to +120°C
- Resistant to weathering, common, environmental acids, UV rays and wear and tear
- Can be used in conjunction with any outdoor flooring
- Entirely recyclable
- Test of tensile strength certified



SUPPORT	HEIGHT (mm)		HEIGHT + 1x SUPE50805		HEIGHT + 2x SUPE50805		HEIGHT + 3x SUPE50805		HEIGHT + 4x SUPE50805		HEIGHT + 5x SUPE50805	
	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.
-												
SUPE50800	25	40	-	-	-	-	-	-	-	-	-	-
SUPE50801	40	70	-	-	-	-	-	-	-	-	-	-
SUPE50802	60	100	-	-	275	395	380	540	485	680	595	825
SUPE50803	90	160	195	305	305	450	410	590	515	735	625	880
SUPE50804	150	270	300	415	410	555	520	700	620	845	740	990



SUPE50800
25-40 mm



SUPE50801
40-70mm



SUPE50802
600-100mm



SUPE50803
90-160mm



SUPE50804
150-270mm



SUPE50805
Extention element

ADJUSTABLE AND SELF-LEVELLING SUPPORT

The adjustable support with a tilting head was the first in a long line of accessories for exterior floating floors. It is a raised flooring product that combines superb technical features and exceptional aesthetics with maximum ease of installation.

It has come to be recognised as the market's most exclusive solution for dealing with sloping installation surfaces. In this regard, the product can provide exceptional results thanks to its tilting movement, which can compensate for slopes of up to 5%. The adjustment is performed using the adjustment key, which can be applied from above once the flooring has been installed and guarantees the precision alignment of the entire floor surface.

This unrivalled product also boasts numerous additional advantages, which are enjoyed every day around the globe by architects, builders and installers alike.

TESTED FOR LOADING BEARING CAPACITY

ADVANTAGES

- Self-levelling head that automatically compensates slopes up to 5%
- Head with top in soft non-slip and anti-noise rubber
- Tabs easy to remove
- Adjustable height from 28 to 550 mm once pavement is finished thanks to exclusive adjustment key
- 320 cm² smooth support base
- Resistant to temperatures between -40°C to 120°C
- Resistant to weathering, common, environmental acids, UV rays and wear and tear
- Suitable to any self-supporting outdoor paving system
- Entirely recyclable
- Test of tensile strength certified



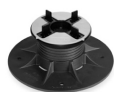
SUPPORT	HEIGHT (mm)	
	min.	max.
SUPE50812	28	38
SUPE50813	37.5	50
SUPE50814	50	75
SUPE50815	75	120
SUPE50816	120	170
SUPE50817	170	215



SUPE50812
28-38 mm



SUPE50813
37.5-50mm



SUPE50814
50-75mm



SUPE50815
75-120mm



SUPE50816
120-170mm



SUPE50817
170-215

ADJUSTABLE AND SELF-LEVELLING SUPPORT

SUPPORT	HEIGHT (mm)	
	min.	max.
SUPE50818	140	230
SUPE50819	185	275
SUPE50820	235	325
SUPE50821	205	345
SUPE50822	250	385
SUPE50823	300	400

SUPPORT	HEIGHT (mm)	
	min.	max.
SUPE50824	270	455
SUPE50825	315	500
SUPE50826	365	550



SUPE50818
140-230 mm



SUPE50819
185-275 mm



SUPE50820
235-325 mm



SUPE50821
205-345mm



SUPE50822
250-385 mm



SUPE50823
300-400 mm



SUPE50824
270-455 mm



SUPE50825
315-500mm



SUPE50826
365-550mm

WINDPROOF SYSTEM WITH ADJUSTABLE SUPPORT

The windproof system is designed to solve the problem of plate lifting caused by the wind in a safe, permanent and economical way.

The system guarantees a solid bond between the flooring plates and the supports, and it consists of metal clips that are inserted into the spacer fins of the supports which, thanks to the particular "T" or "L" shape, block the flooring plates. The plates must be mechanically notched in the 4 corners in order to allow the insertion of the clips.

The system is ideal because it firmly attaches the supports and plates to each other. In this way the flooring becomes one with the system and the plates, being linked to one another, impose more resistance towards the winds' sucking power.

The system is compatible with Adjustable series supports using the XL double-material windproof head: the XLW head.

ADVANTAGES

- Invisible, the flooring maintains its original aesthetic.
- Removable, It allows for the inspection of the underlying surface with the simple removal of the elements
- Adjustable. You can still adjust the supports in height, even on the finished floor.
- It does not require adhesives or screws.
- Absorbs expansion and structural movements.
- It can also be installed on pre-existing terraces.
- It is compatible with any type of plates, planks, slats.



WINDPROOF SYSTEM WITH ADJUSTABLE SUPPORT

SUPPORT	HEIGHT (mm)	
	min.	max.
-		
SUPE50807	252	387
SUPE50808	122	172
SUPE50809	39.5	52
SUPE50810	52	77
SUPE50811	77	122

BASIC SELF-LEVELLING ADJUSTABLE SUPPORT

Basic Self-Levelling Adjustable Support - from 37 to 307 mm. The supports can provide exceptional results thanks to its tilting movement, which can compensate slopes up to 5%.

The product is easily adjusted throughout the installation; adjustment is performed using a regulation key, which can be applied from above once the flooring has been installed and guarantees the precision alignment of the entire floor surface.

FEATURES:

- Self-levelling head that automatically justifies slopes to 5%
- Adjustable height from 37 to 307 mm once pavement is finished thanks to exclusive regulation key
- 300 cm² smooth base support
- Entirely recyclable
- Resistant to temperatures between -40° to 120°C
- Resistant to acids and ultraviolet deterioration
- Suitable to any self-supporting outdoor paving system
- Head with upper part of soft non-slip and anti-noise rubber

ADVANTAGES

- Bi-material self - levelling head PP + rubber anti-noise and anti-slip
- Easily removable tabs
- Millimeter adjustment with adjustment key
- Adjustable in height even on finished floor thanks to the exclusive regulation key
- 320 cm² smooth supporting base
- Security lock for unscrewing
- Resistant to temperatures between -40° and 120°
- Resistant to atmospheric agents, acids, aging, UV rays
- Suitable to any self-supporting outdoor floor system
- Entirely recyclable
- Certified breaking load tests



BASE + SCREW	HEIGHT (mm)	
	min.	max.
SUPE50827	37	45
SUPE50828	45	60
SUPE50829	60	86
SUPE50830	80	128



SUPE50827
37-45 mm



SUPE50828
45-60mm



SUPE50829
60-86mm



SUPE50830
80-128mm

BASE + SCREW + EXTENSIONS	min. max.	
	min.	max.
SUPE50831	122	175
SUPE50832	143	218
SUPE50833	185	264
SUPE50834	205	307



SUPE50831
122-175mm



SUPE50832
143-218



SUPE50833
185-264mm



SUPE50834
205-307mm

ADJUSTMENT KEY AND SCREWDRIVER ACCESSORY

The unique adjustment key is an essential element of the raised flooring system as it allows to control the height of the individual supports, and consequently of the floor above, even after installation of the flooring, thus avoiding having to lift the tiles.

Detail of the steel screwdriver accessory for "quick unscrewing and screwing".

***Suitable only with standard 4 mm thick tabs.**



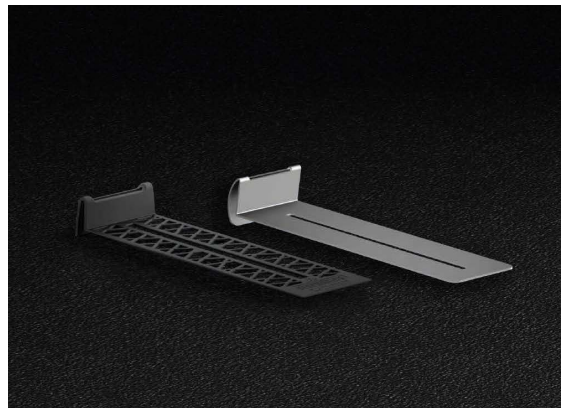
CODE	TYPE
SUPE50837	Adjustment key*
SUPE50838	Screwdriver accessory*



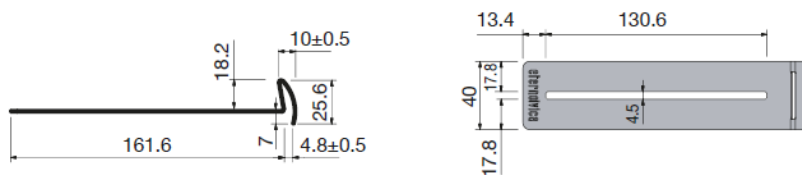
PERIMETER SPACER

The perimeter spacers allow the elegant and uniform spacing of the flooring slabs from the perimeter walls, offering the maximum guarantee of stability by means of a hooking system to the supports that is intuitive, simple and effective.

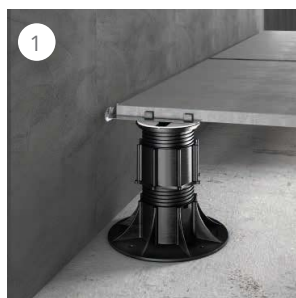
The clip creates a 1 cm joint between the flooring and the wall, offering space for physiological stabilisation of the slabs. The special design of the clip allows the support to any vertical coverings placed on the walls without compromising the seal with invasive measurements. At the same time, it allows the installer to adjust its position on the support head according to the positioning requirements.



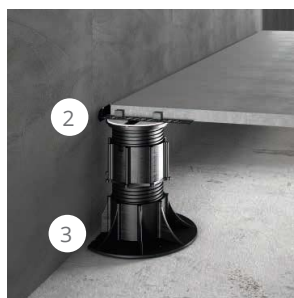
CODE	TYPE	HEIGHT (mm)	LENGTH (mm)
SUPE50835	Perimeter - Stainless steel	25.6	161.6
SUPE50836	Perimeter - Polypropylene PP	25.6	161.6



TECHNICAL DETAILS



1. The clip distances 1 cm the plate from the wall



2. The clip can be placed on the insulating sleeve preserving performance

3. Possibility of cutting the base of the support



Ability to use the clip with the entire base or a cut base



Adjusting key always ready to use

ADJUSTABLE UNIVERSAL ZINC-PLATED LIFTING HANDLE

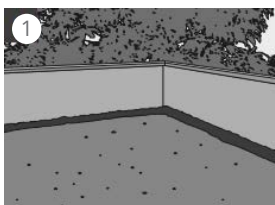
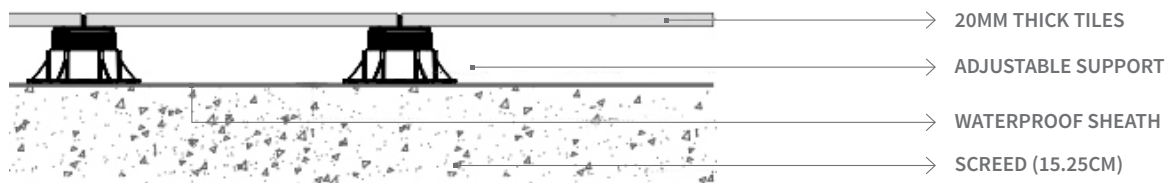
The lifting handle is available in a fixed size for standard slabs sizes of 600 mm.

The handle is provided with two lateral hooks that are inserted into the open joints and allow lifting even when they are already laid. It is a very useful tool, both when laying new floors and when lifting already laid plates.



CODE	SIZE (mm)
SUPE50839	600mm

INSTALLATION GUIDE



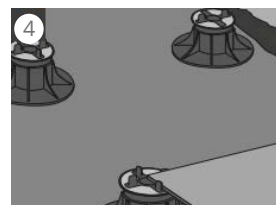
For laying on feet the underlying base must be fully waterproofed



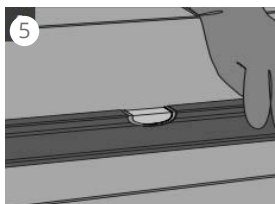
Before laying clean the underlying base carefully



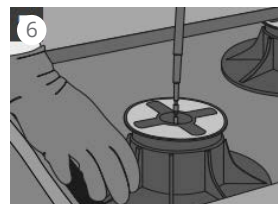
It is advisable to start laying from a corner, if there is one



It is advisable to use a fifth foot in the centre of the slab, to distribute the load evenly



When laying check that the laid slabs are level



To ensure a level surface, the feet can be adjusted with the adjustment key



When laying, check that the gaps between the tiles run flush and even

ASSMBLY SHEET - GENERAL GUIDE

Always consult an engineer for precise requirements and locations of pedestals for your individual project.

TILE SIZE (mm)

