

RHINO

ADJUSTABLE PEDASTAL BY PAVEEZZI

AUSTRALIA

PAVEEZZI Pty Limited
164 Hoddle Street
Abbotsford VIC 3067
info@paveezzi.com.au
1800 PAVEZI

NEW ZEALAND

PAVEEZZI (NZ) Limited
622A Mt Albert Road
Royal Oak, Auckland 1023
sales@paveezzi.co.nz
0800 728 339

MELBOURNE WAREHOUSE

Unit 1, 11-13 North Park Drive
Somerton VIC 3062

CONTENT

COMPANY

PAVEEZZI 03

PRODUCT

ADJUSTABLE PEDESTALS 05

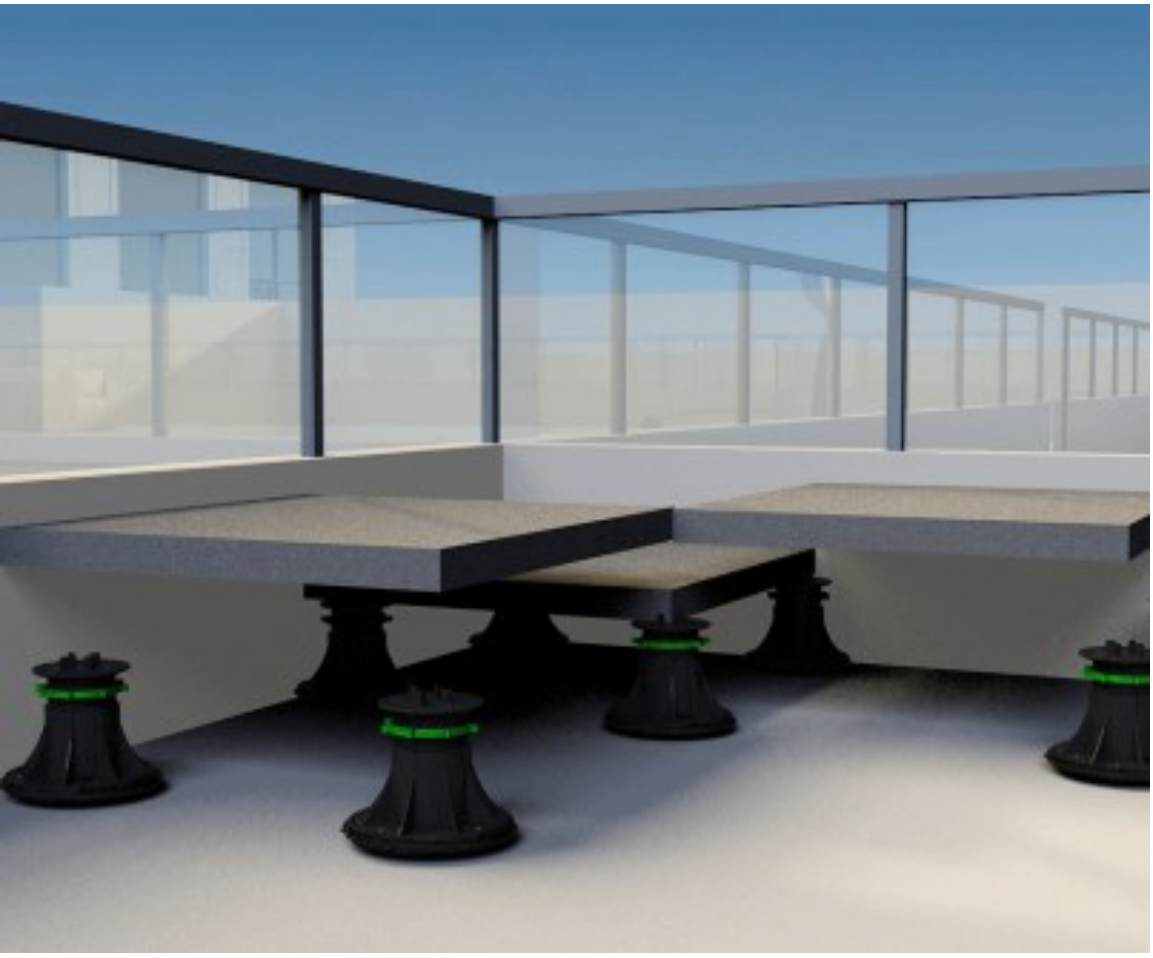
SCOPE OF USE 06
ADVANTAGES 07
PROFILES 08
HEIGHT RANGE 10
ACCESSORIES 14
LOADING 27
STEEL PEDESTAL 28
TILE LEVELLING SYSTEM 30

RHINO
ADJUSTABLE PEDASTAL
BY PAVEEZZI

COMPANY /



PAVEEZZI is dedicated to creating complete architectural decking and paving systems that are structurally sound, environmentally friendly, cost effective, and easy to install and maintain.

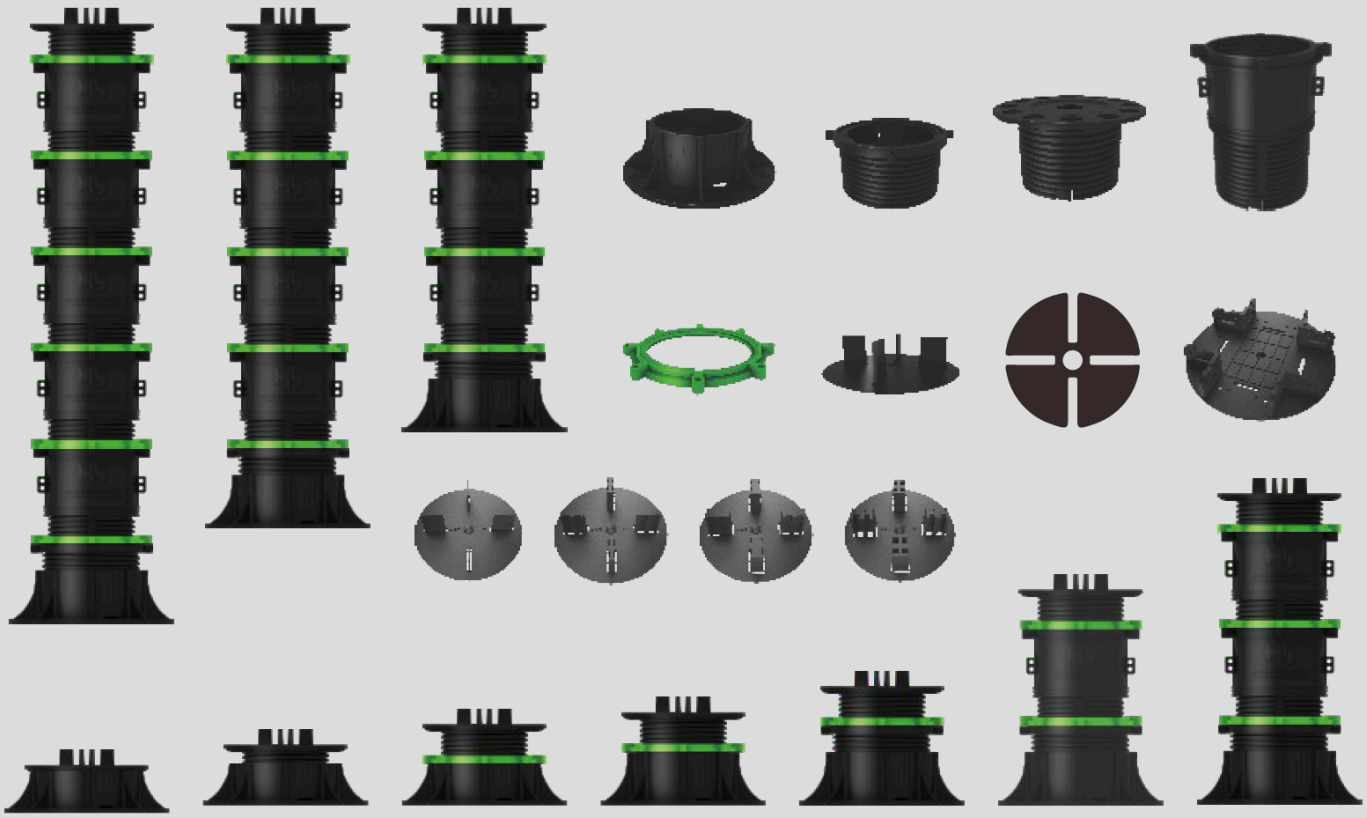


PAVEEZZI

Professional Adjustable Polymer Pedestals
and
Tile Levelling Systems

ISO9001: 2008 Certificate
ISO14001: 2004 Certificate
OHSAS18001: 2007 Certificate
ASTM Fire Test Certificate
ASTN Anti-UV Aging Test Certificate
ASTM Loading Test Certificate
ASTM Material Test Certificate
CE Certificate
SGS: RoHS Test Report

ADJUSTABLE PEDESTALS /



RHINO by PAVEEZZI adjustable polymer pedestals are made of durable polypropylene (PP) and UV resistant materials. The pedestals provide support to outdoor structures with various surface finish materials like timber or composite decking, ceramic tiles, stone pavers, metal sheets, fiberglass boards, artificial grass etc.

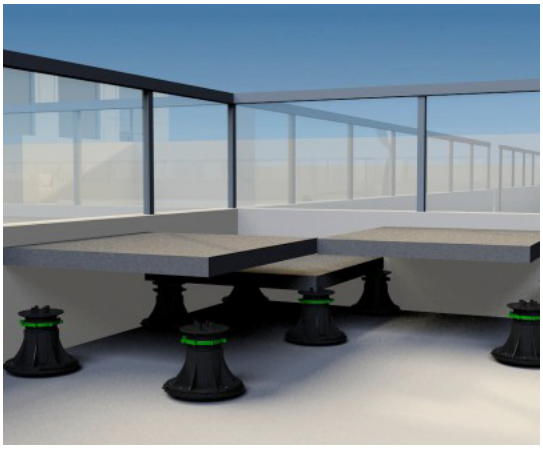
SCOPE OF USE



Concealed infrastructure



Timber and composite decking



Paving



Grating metal panels



Roof decking

ADVANTAGES

PAVEEZZI RHINO Adjustable Pedestals are ideal option for various raised structural solutions. The major advantages over traditional construction materials are:

- Easy to install
- Light weight
- Have high compressive strength
- Easy to position progressive height increments
- Rigid assembly with strong locking mechanism
- The pedestals large base mitigate the risk of membrane damage
- UV-protected and environmentally friendly
- Easy to remove and reuse
- Recyclable
- 30 years warranty



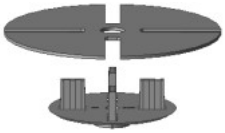
PROFILES

Joist cradle

(Width: 40mm/50mm/60mm/80mm)
Supports various kind of substructure:
• timber batten/joists
• composite battens
• aluminium or steel support sections

With fixing holes on both sides of cradle slots.





Shim

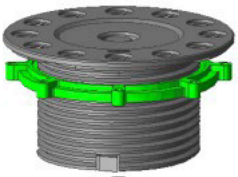
(1mm/2mm/sloped)
It can be used with marble, stone slabs, granite pavers for:
- added anti-slip performance
- shock and sound absorption
- compensation for stone thickness variations•

Spacer tab

(2mm/3.5mm/5mm/8mm/10mm)
The pedestal head can be fitted with spacer tab to provide the required gaps between tiles, for water drainage and ventilation.

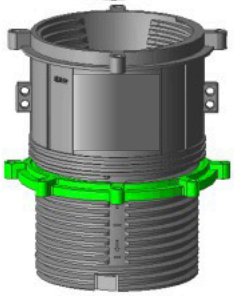
Head

The head of the support is screwed directly onto the base, or the extender. Diameter of 150 mm can be fitted with various components to support differing surfaces.



Fix collar

Fix and lock the screws after adjustment was made, ensuring the pedestal is secured at required height. It is easy to remove if not required.

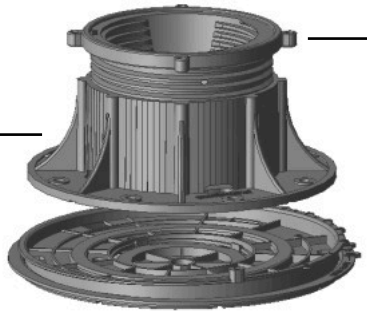


Extender

Diameter: 120mm.
Extender adds height of adjustable pedestal.

Base

The base can be easily positioned or permanently fixed to any substrate.



Adjustment ring

Diameter: 115mm.
Adjusts the height of the pedestal.
Screw pitch reversed.

Base slope corrector

Base slope corrector compensates the slope from 0-5 degrees.
Assembled at the bottom of pedestal base.



Base + adjustment ring



Head



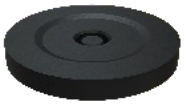
Extender



Spacer tab (2/3.5/5/8/10mm)



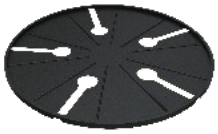
Shim
(1mm/2mm/sloped)



15mm extension pad



Base slope corrector



Base rubber pad



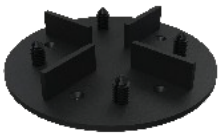
Connecting rod



A type B type
Windproof system screws



Joist cradle
(40mm/50mm/60mm/80mm)



Wood tile clip

HEIGHT RANGE

RHN-T Type



ϕ 180mm

ϕ 120mm

ϕ 220mm

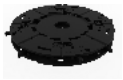
Height Range: 14-1260mm
Max Loading: 1200 kgs/pc
Scope of use: terraces, balconies, rooftops, residential and commercial buildings, water fountains, paving, decking.
Material: Polypropylene (PP)



RHN-FP-01
12.5mm



RHN-FP-02
16mm



RHN-T0
14-19mm



RHN-T0-A
19-30mm



RHN-T0-B
28-42mm



RHN-T0-C
40-65mm



RHN-T0-D
60-105mm



RHN-T0-E
90-180mm



RHN-T0-F
185-320mm



RHN-T1-A
250-370mm



RHN-T2-A
370-560mm

Code	RHN-FP-01	RHN-FP-02	RHN-T0	RHN-T0-A	RHN-T0-B	RHN-T0-C	RHN-T0-D
Height Range (mm)	12.5	16	14-19	19-30	28-42	40-65	60-105

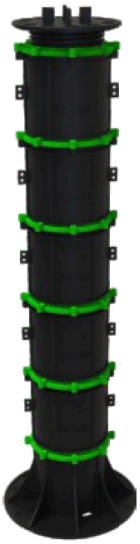
RHN-T0-E	RHN-T0-F	RHN-T1-A	RHN-T2-A	RHN-T3-A	RHN-T4-A	RHN-T5-A	RHN-T6-A
90-185	185-320	250-370	370-560	500-760	600-930	750-1100	900-1260



RHN-T3-A
500-760mm



RHN-T4-A
600-930mm



RHN-T5-A
750-1100mm



RHN-T6-A
900-1260mm

RHN-K Type



ϕ 220mm

ϕ 160mm

ϕ 260mm

Height Range: 260-1600mm
Max Loading: 1800 kgs/pc, heavy duty pedestal
Scope of use: terraces, balconies, rooftops, residential and commercial buildings, water fountains, paving, decking.
Material: Polypropylene (PP)

Code	RHN-K0	RHN-K1	RHN-K2	RHN-K3	RHN-K4
Height Range (mm)	210-360	420-670	620-980	820-1290	1020-1600



RHN-K0
210-360mm

RHN-K1
420-670mm

RHN-K2
620-980mm

RHN-K3
820-1290mm

RHN-K4
1020-1600mm

Prefabricated Pedestal



ϕ 90mm

ϕ 100mm

Height Range: 30-160mm
Max Loading: 600 kgs/pc, light duty pedestal
Scope of use: terraces, balconies, rooftops,
indoor raised floor, commercial buildings, paving, decking.
Material: Polypropylene (PP)

Code	RHN-L0-A	RHN-L0-B	RHN-L0-C	RHN-L0-D
Height Range (mm)	30-45	45-75	73-120	113-160



RHN-L0-A
30-45MM



RHN-L0-B
45-75MM



RHN-L0-C
73-120MM



RHN-L0-D
113-160MM



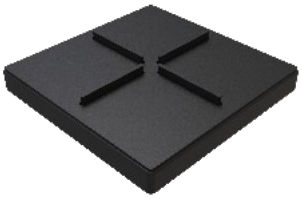
Outdoor installation

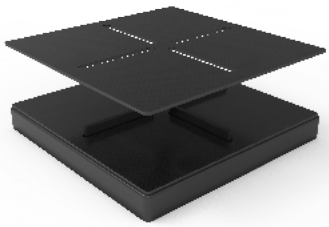


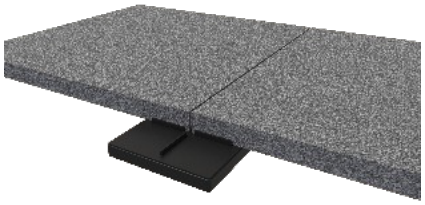
Indoor installation

14mm Rubber Pad + Shim

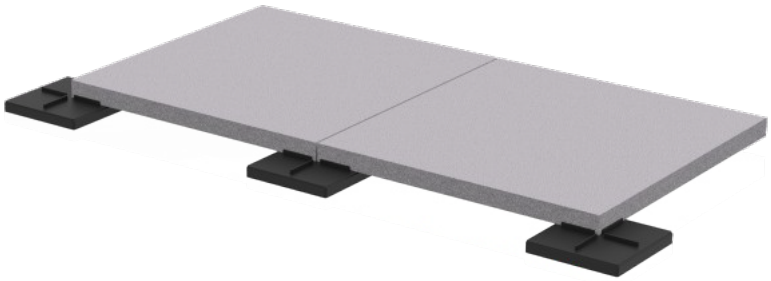
The 14mm rubber pad + shim is the fastest and most economical solution for elevated system fixed tiles.





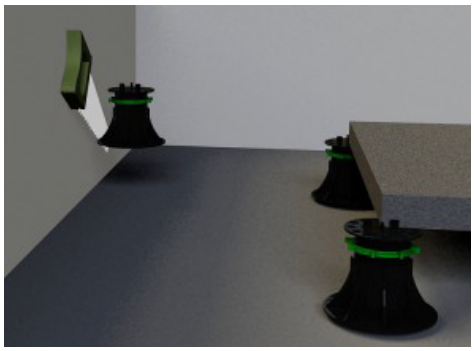






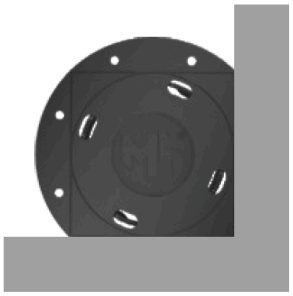
Base

For installing pedestals in corners, the base can be cut in different ways to fit the installation requirements, as per following diagrams:

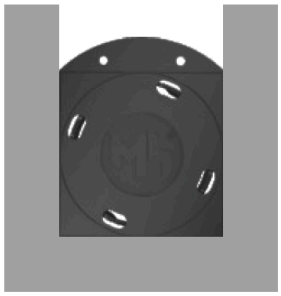




Cut one side

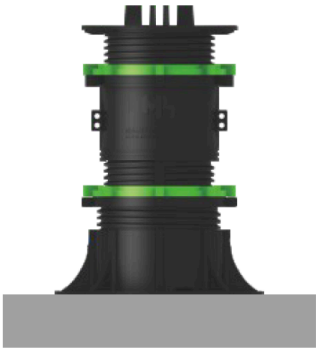


Cut two sides



Cut three sides

Base fixed to the ground



Height: <400mm
Method 1: Non-fixed



Height: >400mm
Method 2: concrete or glue fixing



Height: <400mm
Method 3: fixed with screws/bolts

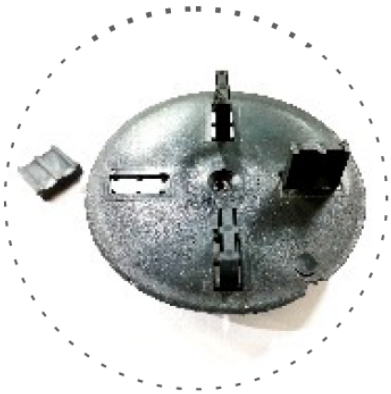
Spacer tabs

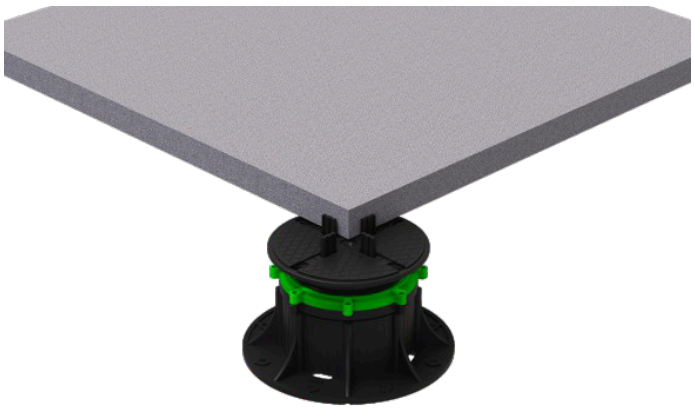


2mm 3.5mm 5mm 8mm 10mm



One tile Two tiles Three tiles Four tiles





Spacer tabs can be removed to accommodate different installation requirements.

Multifunctional spacer tabs

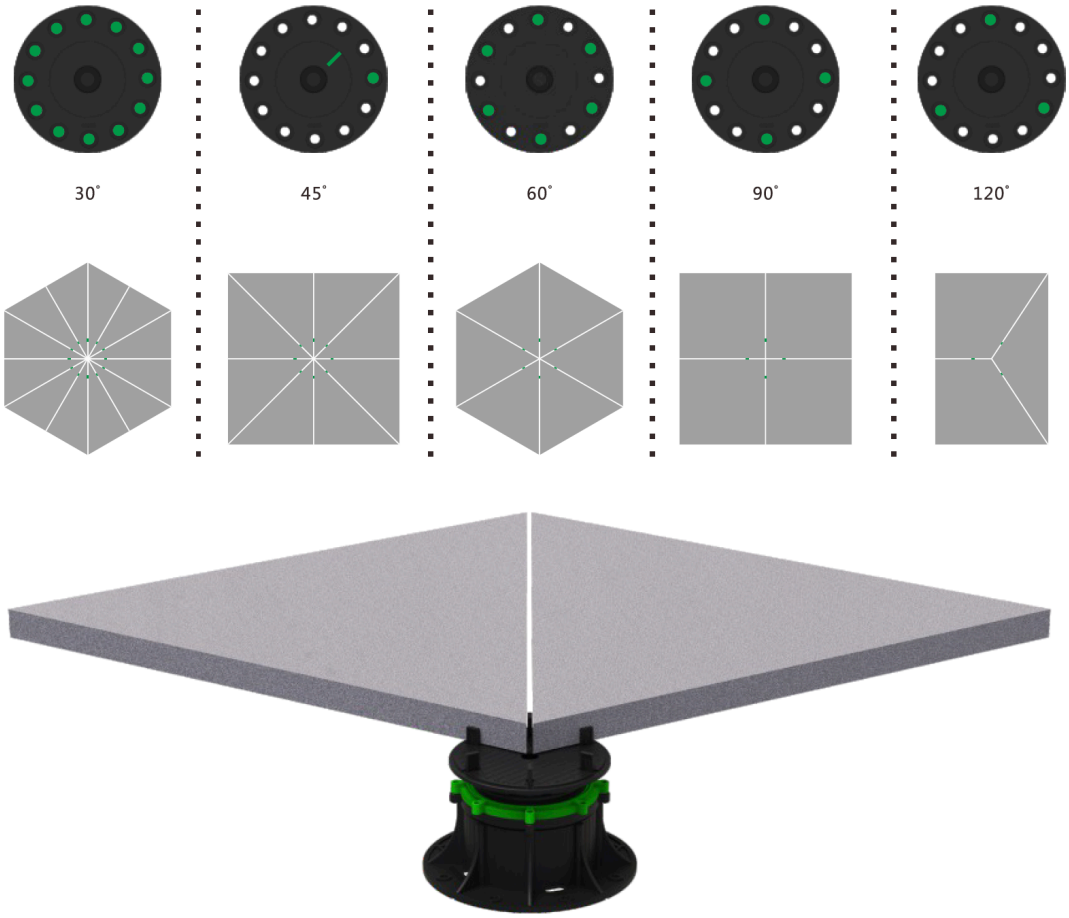


2mm 3.5mm 5mm 8mm 10mm



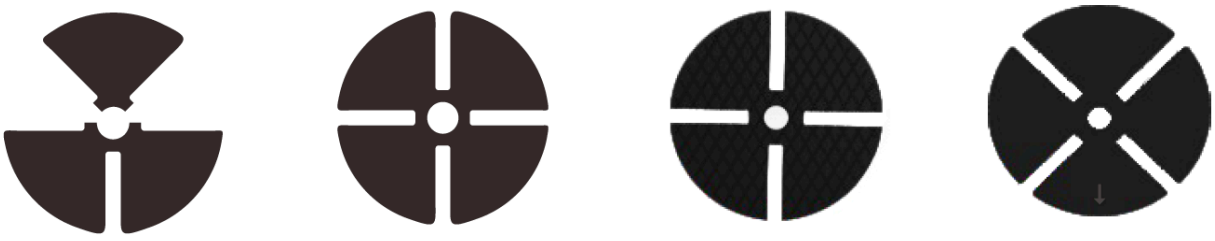
360 degrees rotational multifunctional spacer tab

Note: each green spot means one multifunctional spacer tab

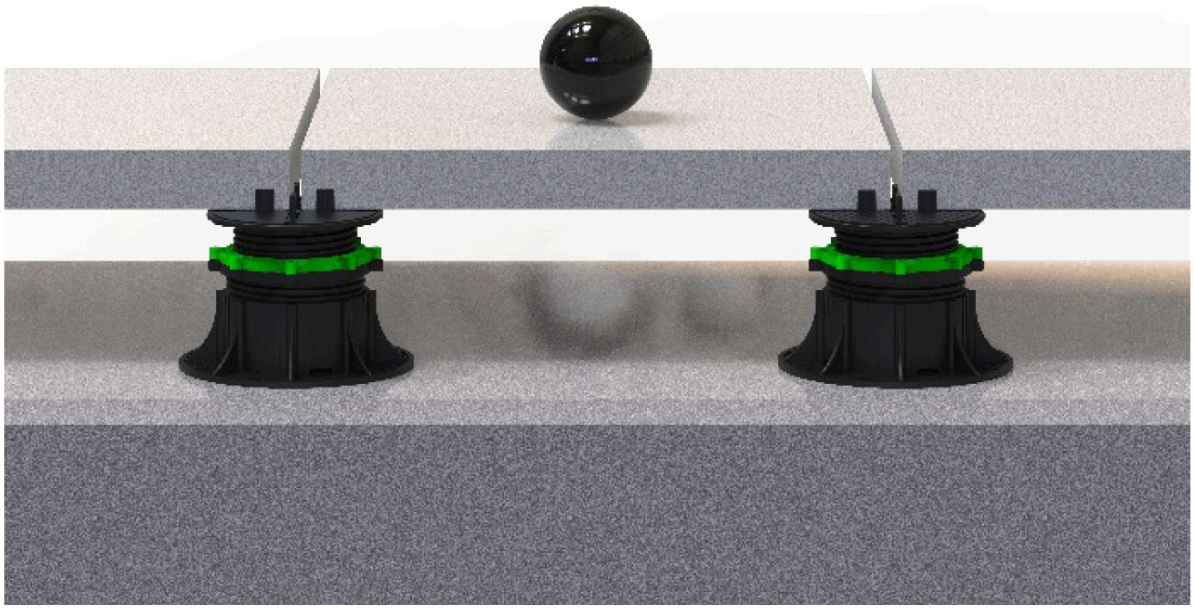


Shim rubber

A 1mm or 2mm thick, or sloped shim are all detachable.
They are anti-slip, absorbs noise, and compensate for paver thickness variations.



Detachable | 1mm | 2mm | Sloped



The shim rubber compensates the tile thickness variations

Fix collar

Fix and lock the thread, avoid sway.



Patent: ZL 201420565484.X



Unlocked collar | Locked collar

15mm extension pad

One basic pedestal + extension pad.

Stackable extension pad gives the advantage of one installing size pedestal that can reach more height without the need to install different size pedestal to achieve height difference.

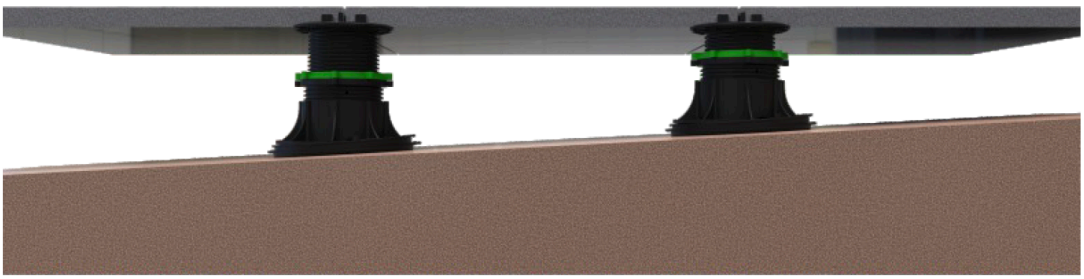


Base slope corrector

To achieve 0–5 degree slope, the corrector's upper disc needs to be rotated against its base and degree numbers must be matched with corresponding markings.

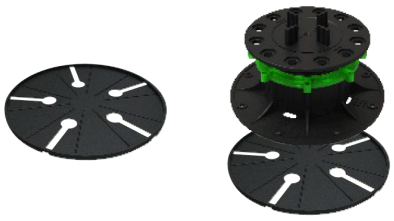
The base slope corrector needs to be positioned under the base of the pedestal.
It is suitable for pedestals with the base size of 200mm or 220mm.





Base rubber pad

No odour, eco-friendly, anti-slip, noise reducing, protects water membranes. Assembled under the base of the pedestal. Suitable for pedestals with 200mm base.



Base rubber pads reduce the noise by 25dB

Connecting rod

When the support requirements reach 800mm or more, the connecting rods make the support more secure. The K type rod is directly fixed on the K-fix collar. The T type needs to be secured with big fix collar.



Short connecting rod
(340-500mm suitable for 480-610mm tiles)



Long connecting rod
(500-750mm suitable for 640-910mm tiles)



Big fix collar



Windproof system

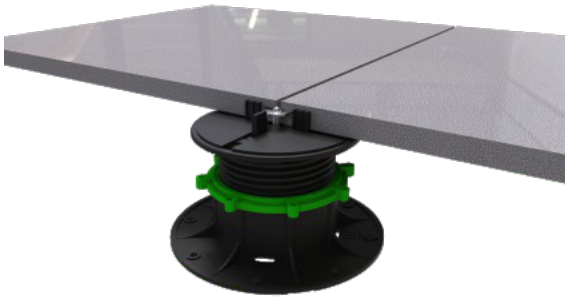


A type



B type

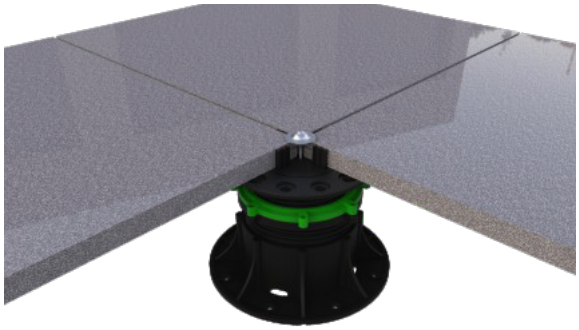
Wind proof lock with A type screw



The windproof lock is hidden by cutting the tile at the place that will fit the lock, maintaining the aesthetics of the tile surface.

Wind proof lock with B type screw

The alternative windproof fixture doesn't require the cross section of the tile to be cut to accommodate the B type screw head. The head is therefore visible on the tiling surface.



Perimeter spacer clips and side closure steel clips



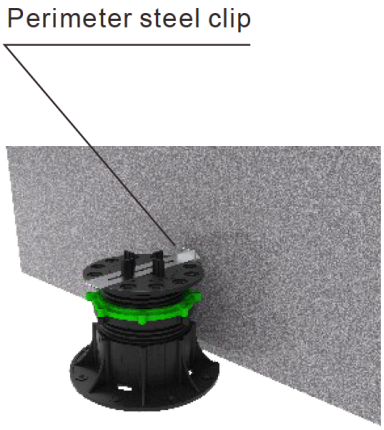
Perimeter steel clip



Top clip for vertical closure

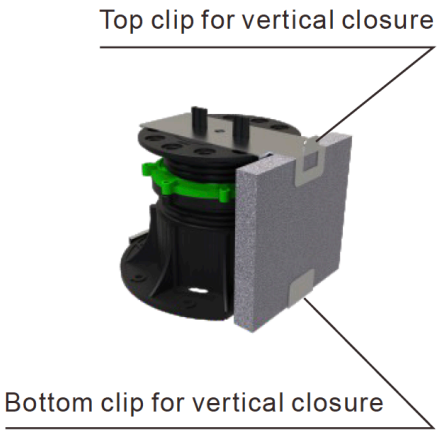


Bottom clip for vertical closure

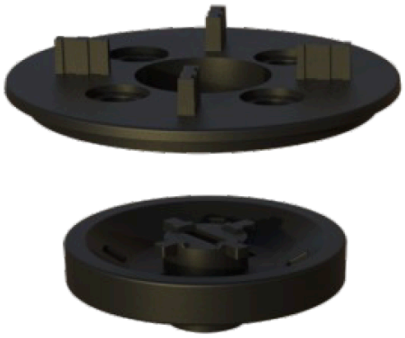


Perimeter spacer clip is made of stainless steel. It is designed to avoid the contact between the outdoor tiles and the wall. Using these clips ensures a stable floor surface and a straight and elegant perimeter.

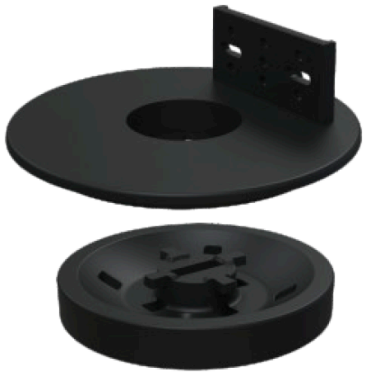
Top and bottom clips for vertical closures are used to fix the vertically positioned tiles. The clips are positioned at the top and bottom of the pedestals enabling perfect vertical closure.



Self-levelling pedestal



Self-levelling head for paving tiles (2mm/3.5mm/5mm)



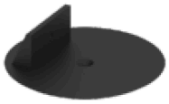
Self-levelling head for decking joists



Self-levelling pedestals provide the most flexible means for creating a floating floor system on balconies and roof decks. The heads incorporate a gimbal mechanism which allows a rotational tilt of up to 5º. This can compensate for the slope in the sub-grade, or alternatively create slight slope on the paved surface to drain the surface water away.

Joist cradle

Joist cradles hold the timber or composite joists, aluminium or steel support sections, wooden beams.
Sizes: beam size 20mm-80mm.



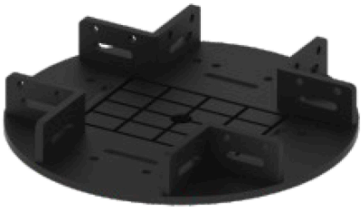
Single side joist cradle



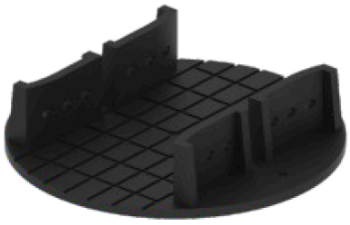
40mm joist cradle



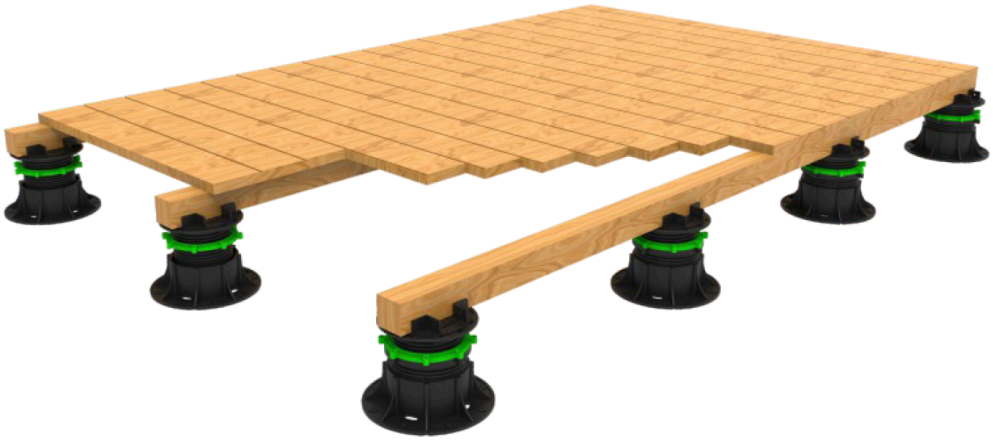
50mm joist cradle



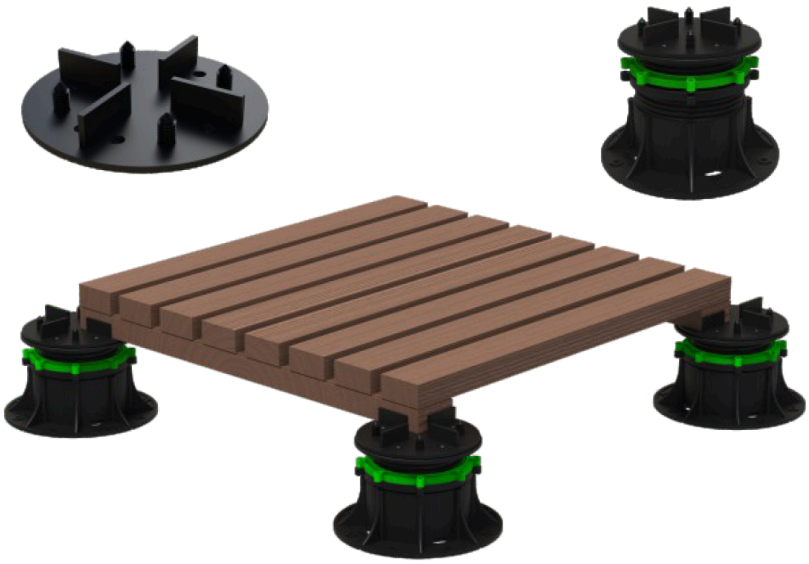
60mm joist cradle



80mm joist cradle



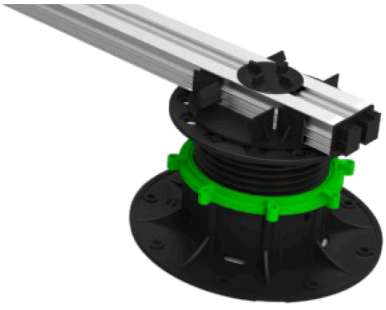
Wood tile clip



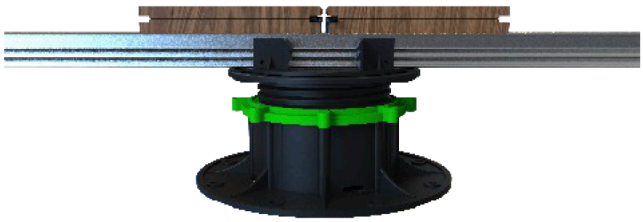
Wood tile clip + wood tile

Aluminium joist and clip for aluminium joist

Aluminium joist size 25x50mm snaps firmly into a special joist cradle so there is no need for screws. It can be installed with wood or composite decking. It can also support ceramic and stone tiles, and granite paving when installed with spacer tabs.



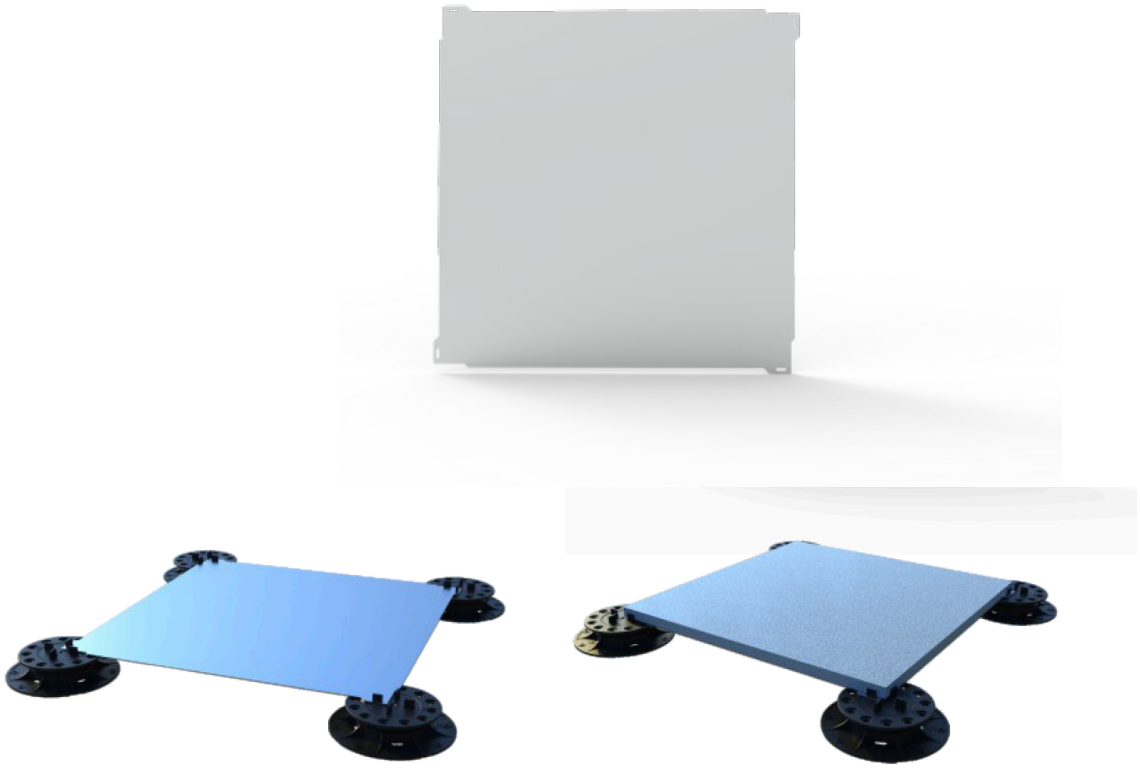
Support paving tiles



Support decking boards

Galvanised steel safety panel

The small holes in the corners of the galvanised steel safety panels are used to connect spacer tabs of the adjustable pedestals. The steel panels are used as a safety feature that prevents falls and injuries if the tile or stone paver installed on top of the panel breaks.

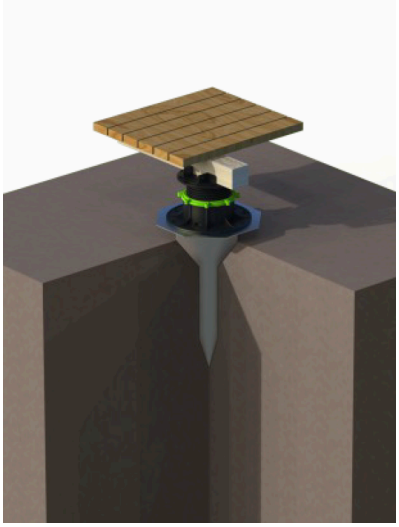


RHINO by PAVEEZZI SPIKE

The RHINO by PAVEEZZI SPIKE is suitable for sandy and soft soil areas. When then pedestal supporting base is difficult to stand on the soft soil, the spike can prevent the adjustable pedestal from sinking.



RHINO by PAVEEZZI SPIKE



PAVEEZZI RHINO Adjustable Pedestals loading factors and ratings



Entire



Half



Quarter

Code	Height Range (mm)	Max loading (Kg)			Breaking loading (Kg)		
		Entire	Half	Quarter	Entire	Half	Quarter
RHN-FP-01	12.5	1630	1356	1195	2650	2439	1989
RHN-FP-02	16	1625	1347	1189	2677	2468	1967
RHN-T0	14-19	980	786	620	1350	1162	982
RHN-T0-A	19-30	965	798	669	1298	1089	995
RHN-T0-B	28-42	955	820	683	1250	1060	965
RHN-T0-C	40-65	975	765	652	1325	1136	925
RHN-T0-D	65-105	925	735	698	1386	1298	970
RHN-T0-E	90-180	920	730	690	1356	1150	968
RHN-T0-F	185-320	926	760	685	1365	1159	965
RHN -T1-A	250-370	915	726	650	1265	1120	925
RHN -T2-A	370-560	926	739	625	1290	1129	920
RHN -T3-A	500-760	915	725	630	1285	1090	915
RHN -T4-A	600-930	925	719	626	1129	1125	890
RHN -T5-A	750-1100	910	725	652	1025	1100	860
RHN -T6-A	900-1260	850	710	620	1260	1120	810

MB-SP Type



MB-SP Type Pedestal
Non-combustible steel pedestal for tiles
Class A fireproof

Code	RHN-SP-01	RHN-SP-02	RHN-SP-03	RHN-SP-04	RHN-SP-05	RHN-SP-06	RHN-SP-07
Height Range (mm)	26-33	32-44	42-63	62-100	92-160	152-270	262-490

Height Range Can Be Customized



RHN- SP- 01 26- 33mm | RHN- SP- 02 32- 44mm | RHN- SP- 03 42- 63mm | RHN- SP- 04 62- 100mm | RHN- SP- 05 92- 160mm | RHN- SP- 06 152- 270mm | RHN- SP- 07 262- 490mm





MB-SJS Type



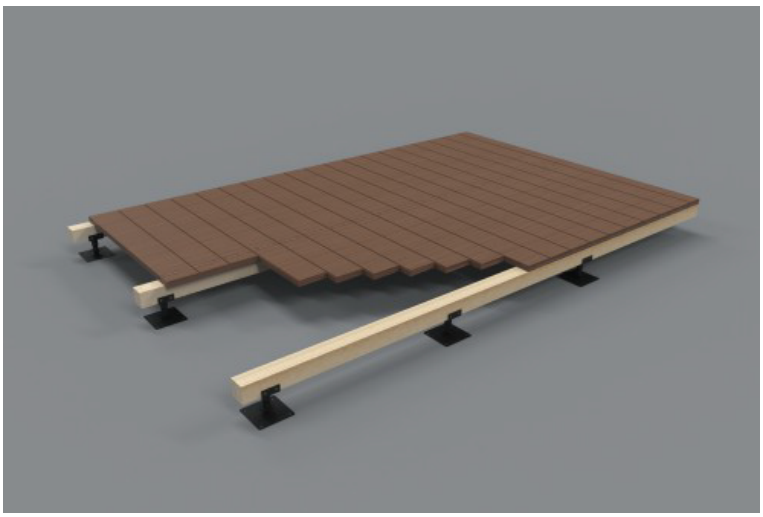
RHN-SJS Type Pedestal
Non-combustible steel pedestal for decking
Class A fireproof

Code	RHN-SJS-01	RHN-SJS-02	RHN-SJS-03	RHN-SJS-04	RHN-SJS-05	RHN-SJS-06	RHN-SJS-07
Height Range (mm)	26-33	32-44	42-63	62-100	92-160	152-270	262-490

Height Range Can Be Customized

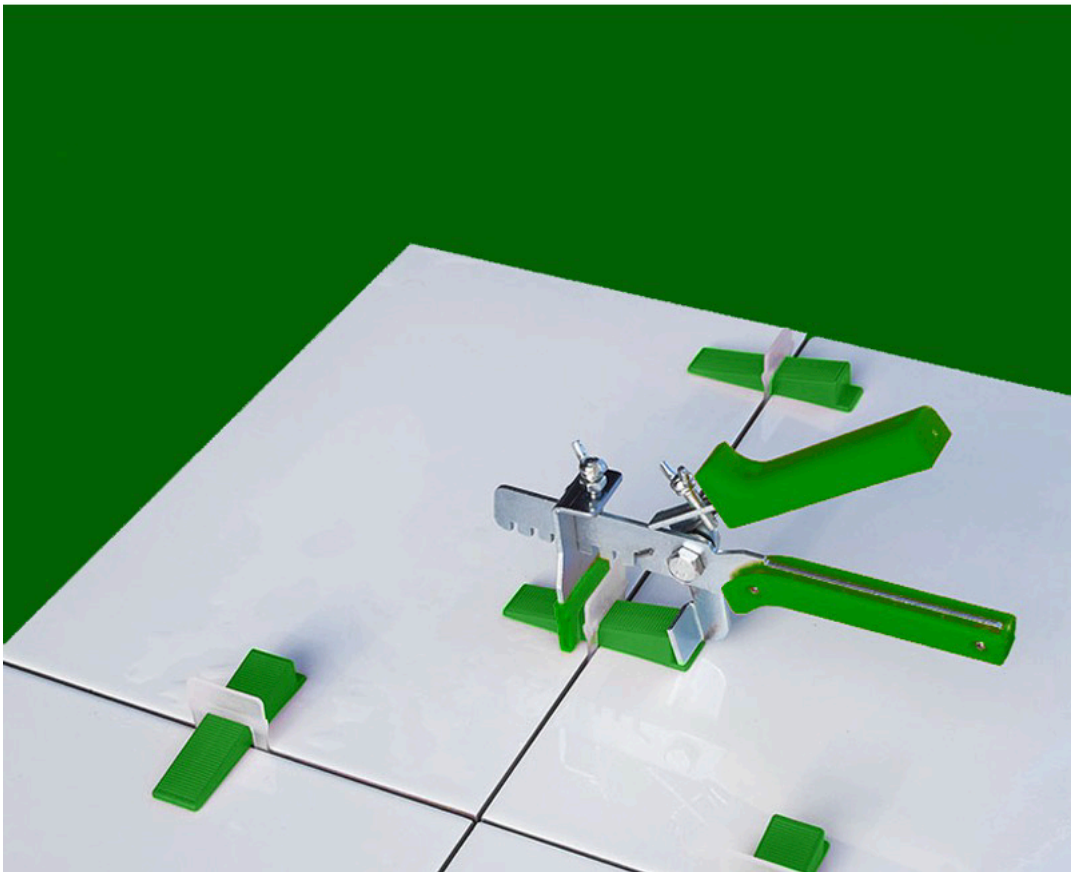


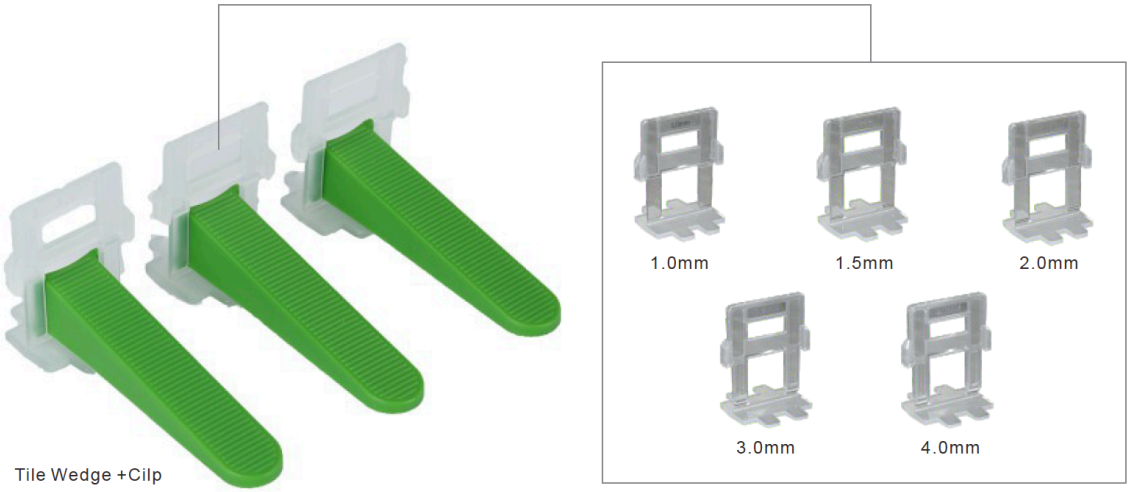
RHN- SJS- 01 26- 33mm | RHN- SJS- 02 32- 44mm | RHN- SJS- 03 42- 63mm | RHN- SJS- 04 62- 100mm | RHN- SJS- 05 92- 160mm | RHN- SJS- 06 152- 270mm | RHN- SJS- 07 262- 490mm



Tile Levelling System

The levelling system for floor tiles ensures parallel joints and perfect levelled tiles. These products are used for precision tile installation. They eliminate the lippage between the laid tiles.





Tile Wedge +Cilp



Reusable Tile Leveling System



Plier



AUSTRALIA

PAVEEZZI Pty Limited
164 Hoddle Street
Abbotsford VIC 3067
info@paveezzi.com.au
1800 PAVEZI

NEW ZEALAND

PAVEEZZI (NZ) Limited
622A Mt Albert Road
Royal Oak, Auckland 1023
sales@paveezzi.co.nz
0800 728 339

MELBOURNE WAREHOUSE

Unit 1, 11-13 North Park Drive
Somerton VIC 3062