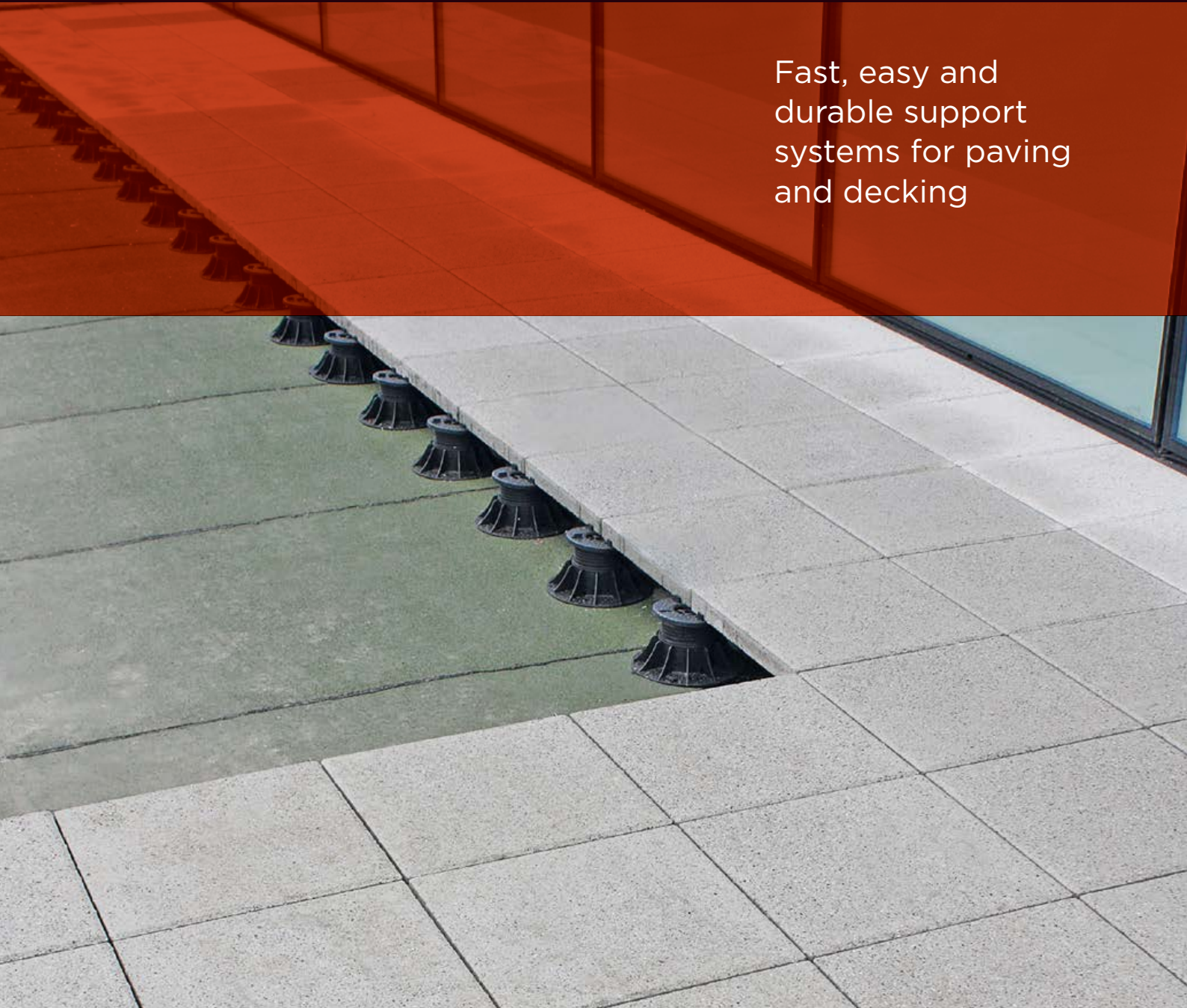


Part of the
Whitesales Group



www.rynogroup.co.uk 01358 726000

Fast, easy and
durable support
systems for paving
and decking



RYNO  DeckSupport™

RYNO  PaveSupport™



GROUND-BREAKING FINISHING SYSTEMS

Ryno is an innovative company, bringing ground-breaking finishing solutions to the construction sector. Every product within the Ryno family is designed to make life easier, safer and better for you.

Not only do we help you meet day-to-day challenges, but we're always looking ahead to develop breakthrough products that revolutionise the industry.

As long as there are challenges out there, Ryno will meet them head-on, with clever solutions that you'll love.

Any questions?
Give us a call on **01358 726000**
or email us at sales@rynogroup.co.uk



RYNO DeckSupport™

RYNO DeckSupport™

Quick, clean and easy deck building. Suitable for use with all conventional decking systems.

PAGE 4



RYNO PaveSupport™

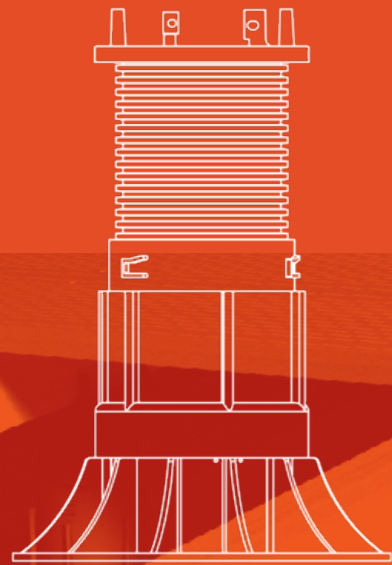
RYNO PaveSupport™

The fast and versatile, strong and safe paving solution. Suitable for use with all uniform edged paving.

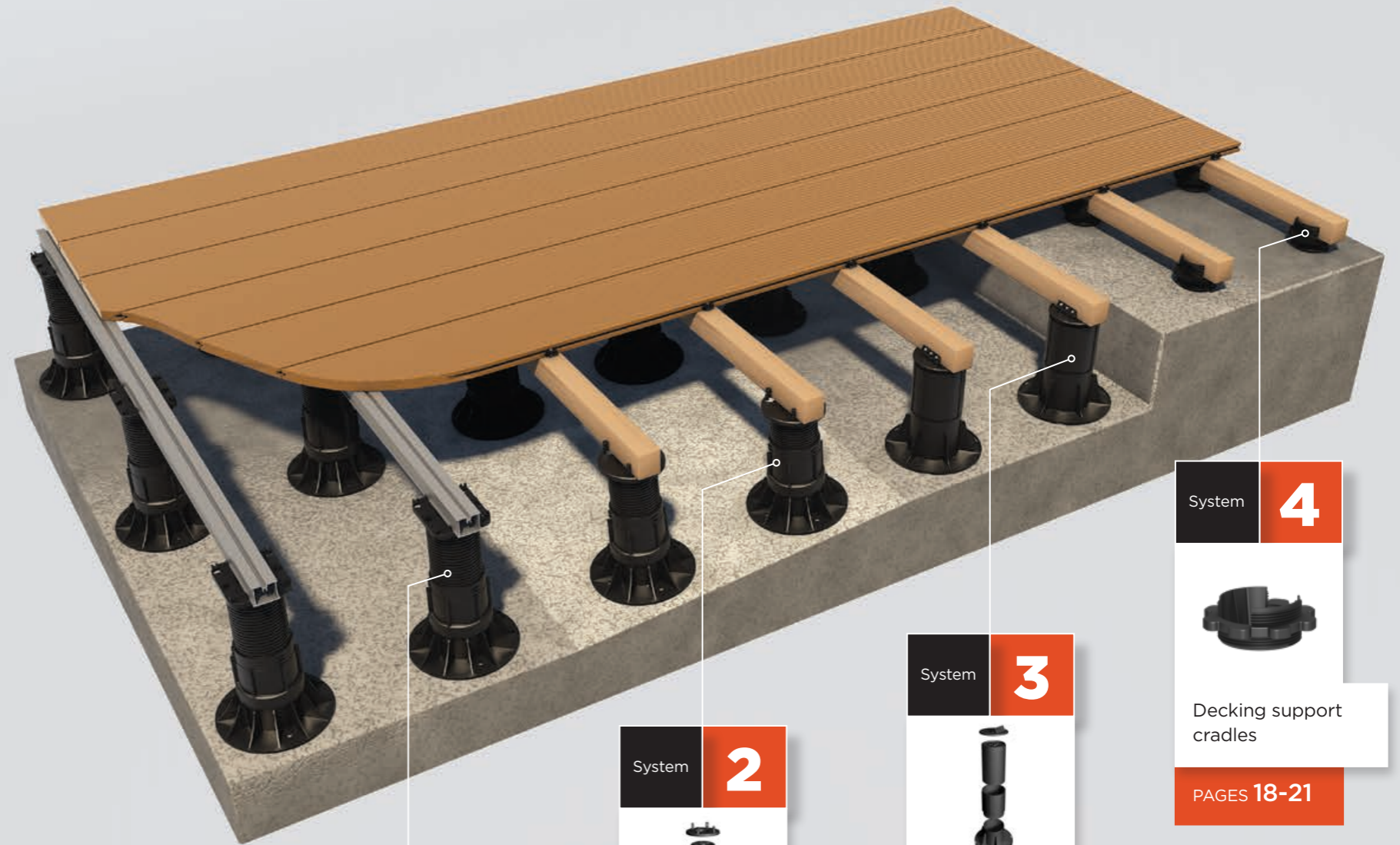
PAGE 22

We have decking support systems to suit every project, on every scale.

Contact our sales team and let us fit you out with a system that's right for you.



- Quick to install
- Easy to adjust
- Extremely versatile
- Long lifespan



System **1**

Complete Aluminium Substructure System

PAGES 6-9

System **2**

Self-Levelling Adjustable Decking Pedestals (for laying over uneven or sloping surfaces)

PAGES 10-13

System **3**

Fixed-head Adjustable Decking Pedestals (for laying over level surfaces)

PAGES 14-17

System **4**

Decking support cradles

PAGES 18-21

RYNODeckSupport™

Complete Aluminium Substructure System

The RynoDeckSupport aluminium substructure system is the ultimate decking support solution. Guaranteed never to rot, it is a perfect complement to composite decking. Its simple and sturdy design ensures rapid installation, regardless of the complexity of the project. Designed to support any conventional decking system, this is the perfect option for all decking applications.

Strong, versatile support.

Fully compatible with our pedestals and cradles, this system benefits from the unparalleled adjustability and strength of support provided by all of the RynoDeckSupport products.

- **Ultimate decking support solution**
- **Supports decking boards as low as 48mm, and as high as 1070mm**
- **Simple design - rapid installation**
- **Compatible with all RynoDeckSupport pedestals and cradles**
- **Supports any type of conventional decking boards - softwood, hardwood, composite, PVC**
- **No rotting**



Decking fixing

High quality stainless screws prevent corrosion and ensure long-lasting secure fastening of decking boards to substructure. Designed to work with all conventional hidden deck clips.



Aluminium joist profile

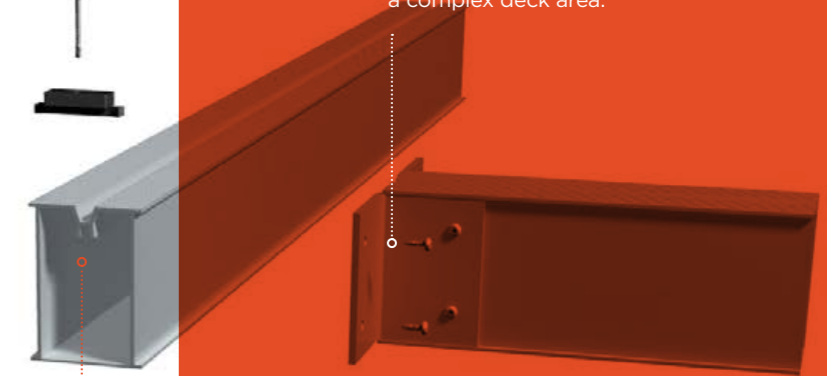
Three sizes of aluminium joist profile cater for any deck support requirements. With a continuous fixing channel designed to offer optimum fixing strength, the profiles are compatible with any board width. Extruded to high quality standards, the RynoDeckSupport aluminium substructure offers numerous benefits over other joist materials.

- Always completely straight, ensuring perfectly even decking
- Will not warp, twist, splinter or crack
- Joists will never rot, ensuring superior longevity of decking
- Lighter than traditional methods, imposing less weight on supporting roof structures
- Greater strength-to-size ratio than traditional joists such as timber, and composite joists



Joist connector profiles

Very simple connection methods mean the aluminium substructure is ultra-quick to install and gives great versatility when constructing a complex deck area.



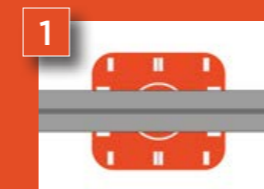
'Clip-on' self-levelling head

Due to its unique features, the newly designed 'clip-on' head makes for significant time saving.

Unique design features allow the RynoDeckSupport aluminium joists to be rapidly 'clicked' into place on the pedestals, without the need for fixings, and effortlessly overcome the most challenging of applications.

- **Allows RynoDeckSupport aluminium joist profiles to simply be 'clicked' into place**
- **Unique multi-directional head allows for single joists, double joists, and perpendicular profiles**
- **Incorporates Self-levelling design to easily accommodate sloping areas of up to 10.5% gradient (6°)**

Features of the self-levelling head:



Single joists 'click' into place on the pedestal.



Rotate 'clip-on' head through 90°.



Double joists 'click' into place side by side, perfect for supporting board joints.



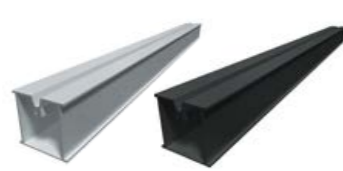
Versatile design allows for multi-directional applications.

Joist profiles



DS22 Aluminium Joist

Width: 48mm
Depth: 22mm
Finish: Mill finish or powder coated



DS38 Aluminium Joist

Width: 48mm
Depth: 38mm
Finish: Mill finish or powder coated



DS72 Aluminium Joist

Width: 48mm
Depth: 72mm
Finish: Mill finish or powder coated



DS-PF

Perimeter/Fascia Profile
Fixes to side of joist to allow vertical fixing of boards where step/fascia detail is required.
Finish: Mill finish or powder coated

Connections



DS-SC

Straight Joist Connector
Available for 22, 38, 72mm joist profiles



DS-AC 90

Angle Joist Connector 90°
Available for 22, 38, 72mm joist profiles



DS-AC 135

Adjustable Angle Joist Connector
Available for 38, 72mm joist profiles



DS-VC

Perimeter/Fascia Profile Bracket



DS-BB

Ballast Bracket



DS-GA

Ground Anchor



DS-SSDS-38

Stainless Steel Decking Screw for Plastic Clips



DS-SSDS-19

Stainless Steel Decking Screw for Metal Clips



DS-SSJS

Stainless Steel Joist Screw for Joist Connectors



Self-levelling pedestal

For sloping areas with compatible 'clip-on' head. See **System 2** for pedestal size range



Fixed-head pedestal

For flat areas with compatible head. See **System 3** for pedestal size range



RDC Adjustable Cradles

Three sizes, for use with DS22, DS38 and DS72

Technical Specifications

Material

Aluminium Alloy 6063

Temper

T6

Finish

Mill finish or powder coated to RAL 9005 (black)

Support Height

48 - 1072mm (when used in conjunction with RynoDeckSupport pedestals/cradles)

Allowable load (uniformly distributed)

4.0 kN/m² (further information available on request)

Allowable load (concentrated)

1.4 kN (further information available on request)

Supporting pedestals/cradles

See systems 2, 3 & 4 for technical specifications

RYNODeckSupport™

Self-levelling Adjustable Decking Pedestals

The RynoDeckSupport self-levelling adjustable pedestal is unrivalled in its field.

Designed to support any type of decking or flooring joist, it offers the highest compressive strength of any pedestal system on the market.

Self-levelling support.

The unique self-levelling pedestal head and impressive height range will accommodate even the most complex decking issues - including sloping areas, drainage and maintenance access.

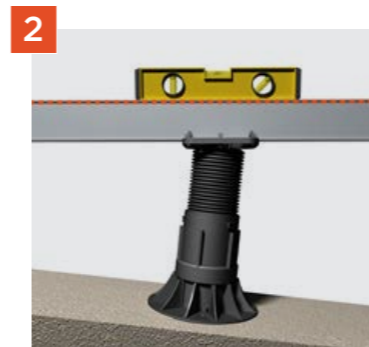
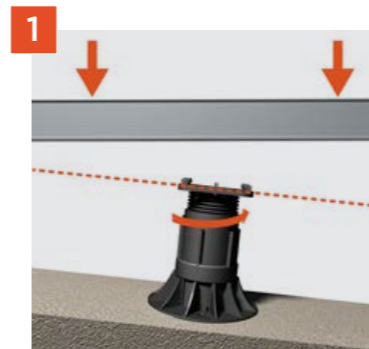
- **Unique self-levelling design offers slope correction up to 10.5%**
- **Ultimate compression strength for maximum durability**
- **Simple design ensures rapid installation**
- **For use with any joist size or type - timber, composite, aluminium, steel**



Self-levelling bearer support head

Due to its innovative self-levelling head design, RynoDeckSupport System 2 has the fastest installation time of any pedestal system available.

- Utilises the 'ball & socket' joint concept to allow a free moving captive head
- Provides slope correction of up to 10.5% (6°)
- Lay paving or decking directly onto pedestals without manual slope correction
- Offers significant time savings and a perfectly level finished area
- Can accommodate bearer width of up to 100mm
- Alternative head available to support paving



Optional deck tile head

The Self-Levelling Bearer Support Head is replaceable with a Deck Tile Head, if you wish to lay decking tiles.



Adjustable threaded section

This heavy grade threaded section allows you to adjust the height in minute increments, within the given range. It's easy to adjust, simply grab and twist.



Height extension collar

A very simple design with a single 'click' motion to attach, these extension collars build up the pedestals in 100mm increments.



Wide supporting base

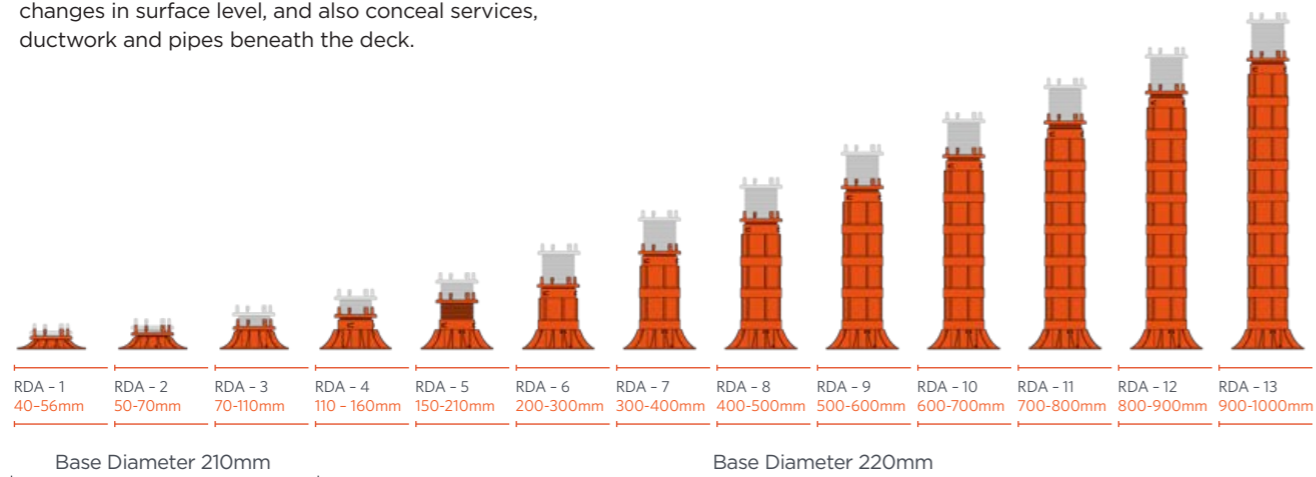
Pedestals are loose laid and do not require fixing to the floor.

- Large diameter spreads loads and ensures stability
- Prevents damage to roof membranes and other substructures
- Can be fixed down into concrete, or loose laid on roof membranes, etc.
- Incorporates water drainage holes to prevent moisture build-up



Size range

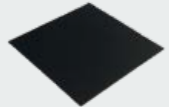
The vast height range of the RynoDeckSupport self-levelling adjustable pedestal allows it to overcome very large changes in surface level, and also conceal services, ductwork and pipes beneath the deck.



Optional components



RDA - DTH
Deck Tile Head
For use when installing decking tiles.



RDA-BRSP
Base Rubber Shock Pad
Installed to enhance acoustic properties, or where membrane requires additional protection.

RynoDeckSupport pedestal spacing & quantity calculations

For help calculating the quantity of pedestals you require, or for any other guidance regarding your project, call Ryno on:

01358 726000

Technical Specifications

Material

PP Polypropylene (recyclable), UV resistant

Biological/Chemical

Resistant to moulds, algae, alkali, bitumen

Height range

40mm - 1000mm

Compression

2100 Kg
(certified compression data available on request)

Base diameter

210mm / 220mm

Head diameter

135mm

Bearer capacity

Up to 100mm

Working temperature

-40°C - 120°C

RYNODeckSupport™

Fixed-head Adjustable Decking Pedestals

The RynoDeckSupport fixed-head adjustable pedestal offers a high quality and economical option for supporting decking systems on completely level surfaces. Its impressive 22–550mm height range makes it perfect for areas with problematic height restrictions, as well as areas where greater height build-up is required.

Support in any space.

With a simple but very effective design, this pedestal makes for a rapid and effortless decking installation.

- **Robust product ensuring stability of decking area**
- **Perfect for very low height installations; adjusts down to 22mm**
- **Accommodates all types and sizes of decking joist**



Bearer support head

Due to its low profile design, the bearer support head allows this pedestal to go right down to 22mm height. The head utilises a clever connection which allows it to turn freely on top of the adjustable threaded section of the pedestal, meaning that the pedestal height can be adjusted once the joist is on top. Joists of up to 80mm can be used and are fixed through a heavy-duty locator bracket.



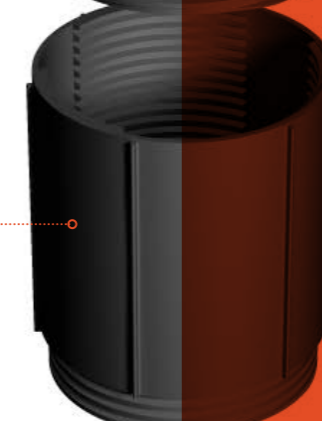
Adjustable threaded section

The robust threaded section allows for incremental height adjustment within the given range. Effortless to adjust, simply turn the section by hand, even once the joist is in place.



Height extension collar

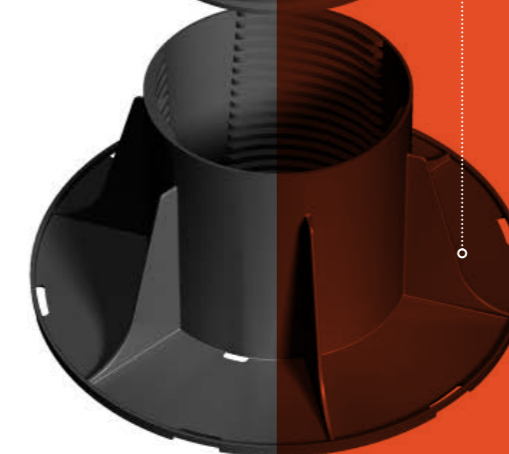
A very simple design with a single 'click' motion to attach, these extension collars build up the pedestals in 100mm increments.



Support base

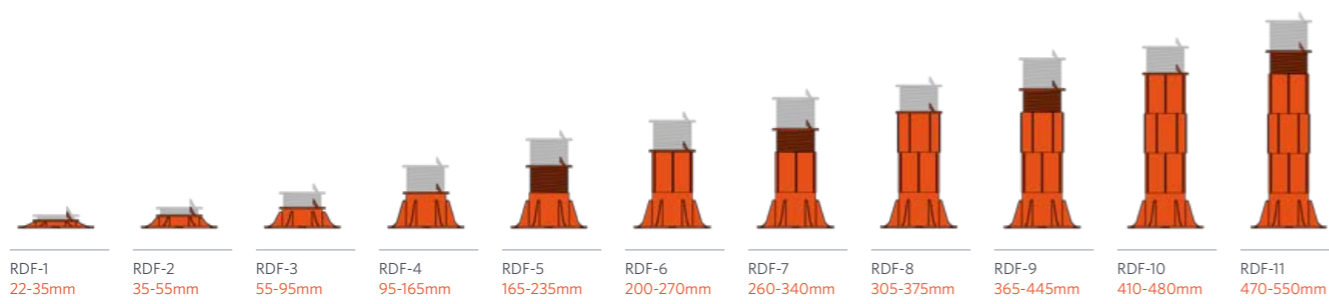
The broad base spreads the load on the surface below and ensures stability.

The pedestals are normally loose laid onto roofing membranes which must not be penetrated, or can be mechanically fixed to concrete or other substrates.



Size range

The RynoDeckSupport fixed-head adjustable pedestal is the perfect solution where decking is to be supported on a totally flat area. Capable of supporting joists as low as 22mm off the surface, it will overcome the common problem of height restrictions, as well as quickly and simply elevating decking areas up to 550mm high.



Optional components



RDF - DTH

Deck Tile Head
For use when installing decking tiles.



RDA- BRSP

Base Rubber Shock Pad
Installed to enhance acoustic properties, or where membrane requires additional protection.

RynoDeckSupport pedestal spacing & quantity calculations

For help calculating the quantity of pedestals you require, or for any other guidance regarding your project, call Ryno on:

01358 726000



Technical Specifications

Material

PP Polypropylene (recyclable), UV resistant

Biological/Chemical

Resistant to moulds, algae, alkali, bitumen

Height range

22mm - 550mm

Compression

1000 Kg

Base diameter

200mm

Head diameter

120mm

Bearer capacity

Up to 80mm

Working temperature

-40°C - 120°C

RYNODeckSupport™

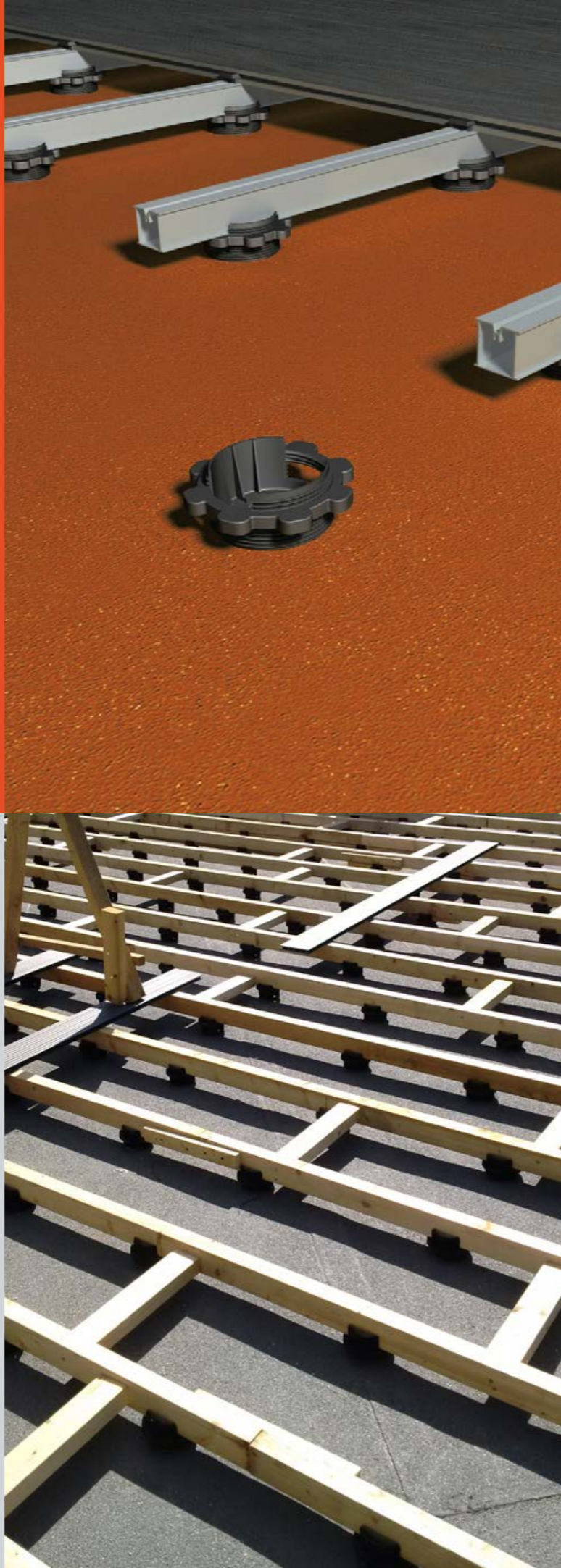
Decking Support Cradles

RynoDeckSupport cradles are the perfect solution where decking requires elevating off the ground by a minimal height.

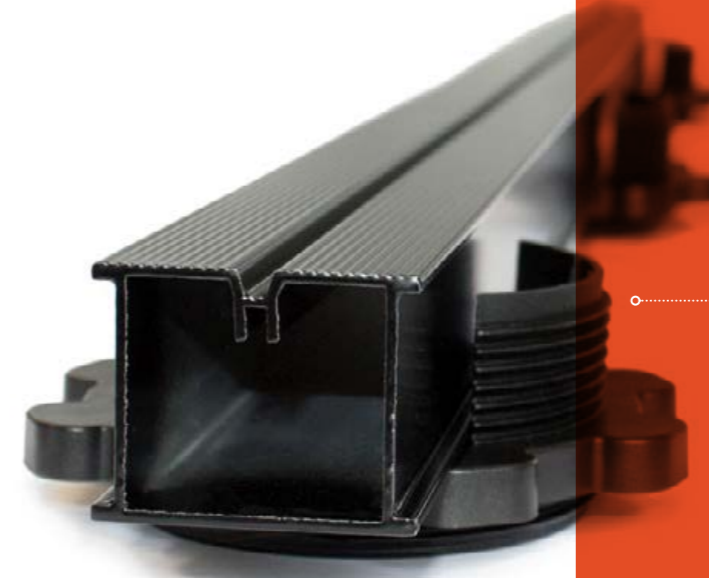
Strong, safe support.

Simple to install and adjust, they are a very economical method of creating a clear space below the decking joists, which improves air circulation and can help to prevent rot.

- Supports very low decking applications, as low as 10mm
- Perfect for patio overlays/renovations
- Ideal for creating balcony decking areas
- For low height applications



Adjustable decking cradle



Infinite adjustment

The RynoDeckSupport adjustable decking cradle offers joist support with infinite adjustment between 10-40mm.

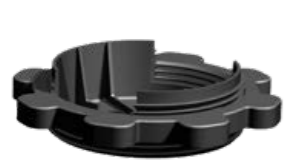
Fixed height decking cradle



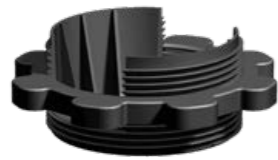
Simple and versatile

RynoDeckSupport fixed height cradles are a simple and versatile option for elevating decking joists off a flat surface. Made from recycled rubber, they evenly spread the load on the supporting surface.

Adjustable decking cradles



RDC - 10-25
10-25mm
Adjustable Cradle
For joists below
25mm in depth



RDC - 10-40
10-40mm
Adjustable Cradle
For joists below
50mm in depth.



RDC - 10-55
10-55mm
Adjustable Cradle
For joists above
50mm in depth.

Fixed height decking cradles



RDC - 10
10mm Cradle



RDC - 20
20mm Cradle



RDC - 2
2mm Shim



RDC - 5
5mm Shim

Shims are for fine height adjustment with RDC - 10 and RDC - 20

RynoDeckSupport cradle spacing & quantity calculations

For help calculating the quantity of cradles you require, or for any other guidance regarding your project, call Ryno on:

01358 726000



Technical Specifications

Adjustable decking cradles

Fixed height decking cradles

Material

Recycled Nylon (glass filled)

Rubber (92% recycled tyre tread)

Biological/Chemical

Resistant to moulds, algae, alkali, bitumen

Resistant to moulds, algae, alkali, bitumen

Height range

10mm - 55mm

10mm - 40mm (min 2mm increments)

Compression

6 kN/m2 (min. 6 cradles/m2)

800 Kg

Base diameter

90mm

100 x 100mm

Bearer width capacity

44-50mm

30-48mm

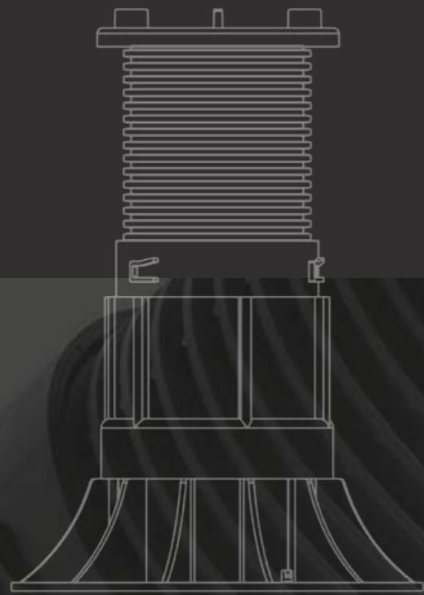
Bonding agent

Flexible Polyurethane

RYNO PaveSupport™

We have paving support systems to suit every project, on every scale.


Contact our sales team and let us fit you out with a system that's right for you.



- Easy to install
- Extremely versatile
- Suitable for all areas from small domestic gardens to large scale developments




NEW
System **1**



PaveRail™ Paving Support Rail System

PAGES 24-27


System **2**



Self-Levelling Adjustable Decking Pedestals (for laying over uneven/sloping surfaces)

PAGES 28-31


System **3**



Fixed-head adjustable paving pedestals (for laying over level surfaces)

PAGES 32-35

System **4**



Stackable paving support pads

PAGES 36-39



Complete paving support grating system

PAGES 40-43

RYNOPaveSupport™

PaveRail™

PaveRail™ from RynoPaveSupport provides a completely rigid platform for paving slabs. Super-strong aluminium joists overlap to create a lattice framework which gives the maximum possible level of support.

Patent application no: GB1901875.3

Unlike other paving substructure systems, PaveRail™ provide full support to the paving system, providing unlimited paving finishes and formats including: random-length, mixed width, stack bond, stretcher bond and plank paving.

- Perfect for terraces, podiums, roof decks, balconies and gardens
- Ideal for uneven or sloping surfaces
- Great for projects with complex maintenance access requirements such as piping or services
- Allows rapid water drainage through the paving



Paving (Supplied by others)

PaveRail™ is perfect for all calibrated paving types including natural stone, concrete and porcelain. Additional top rails can be introduced to provide additional support for thinner or weaker paving.



Supporting pedestals

Ryno pedestals are used to support the joist, ensuring ultimate strength.

- Innovative 'clip-on' head design allows for easy and rapid installation, easily accommodating sloping areas of up to 10.5%
- Wide base evenly spreads load, protecting membranes
- Threaded section allows millimeter perfect adjustment



Top rail

The 27mm top rail supports the lengths of slabs/tiles.

- Can be laid at any centre interval
- Features integrated EPDM gasket for effective shock-absorption
- Side flanges for robust fixing into lower joist

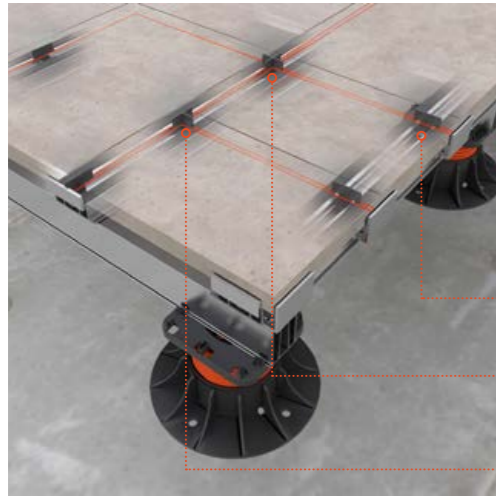


Lower joist

Allows the whole system to be bound together into a lattice format.

- Provides a totally stable platform for top rail and paving
- Available in multiple depths to suit various height build-up

Paving Spacers



Paving Spacers

Straight spacers, T-spacers and cross spacers available, in either 2mm or 4mm thickness. Insert into the top rail, secured by twist-lock function which prevents the movement of slabs. Manufactured from robust glass-filled nylon.

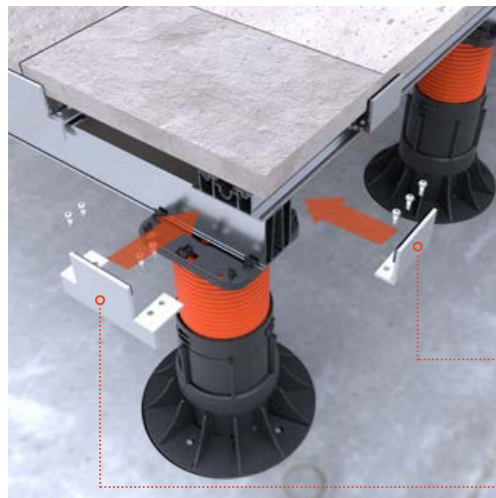
Straight spacer

Cross spacer

T-spacer



Paving Stops



Paving Stops

End stop for end of top rail
Side stop for side of top rail
Hold paving in place to ensure no movement of slabs as a result of foot traffic. They fix into top rail around the perimeter with 13mm self-drilling screw.

Side stop

End stop



RynoPaveSupport PaveRail™ quantity calculations

For help calculating the quantity of components you require, or for any other guidance regarding your project, call Ryno on:

01358 726000



Technical Specifications

Material

Top rail, lower joist	Aluminium Alloy 6063 T6
Supporting pedestals	PP Polypropylene (recyclable)
Paving spacers	Glass-filled nylon

Biological/Chemical

Resistant to moulds, algae, alkali, bitumen, UV

System Height

Top rail	25mm rail, 2mm gasket
Lower joist	25mm (RS25), 60mm (RS60)
Support height	10mm-1000mm
System overall height	55mm-1087mm

Allowable Load

Uniformly distributed (UDL)	4kN/m ²
Concentrated	1.4kN/m ²

Supplied lengths

3600mm (Top rail and Lower joist)

Spacing

Top rail	To suit paving
Lower joist	600mm centres between joists
Pedestal	As per primary joist allowable spans (below)

Allowable span

Top rail	600mm
Lower joist	600mm (RS25) 1200mm (RS60)

Finish

Mill finish as standard, powder-coating options available (rail and joist)
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RYNOPaveSupport™

Self-levelling Adjustable Paving Pedestals

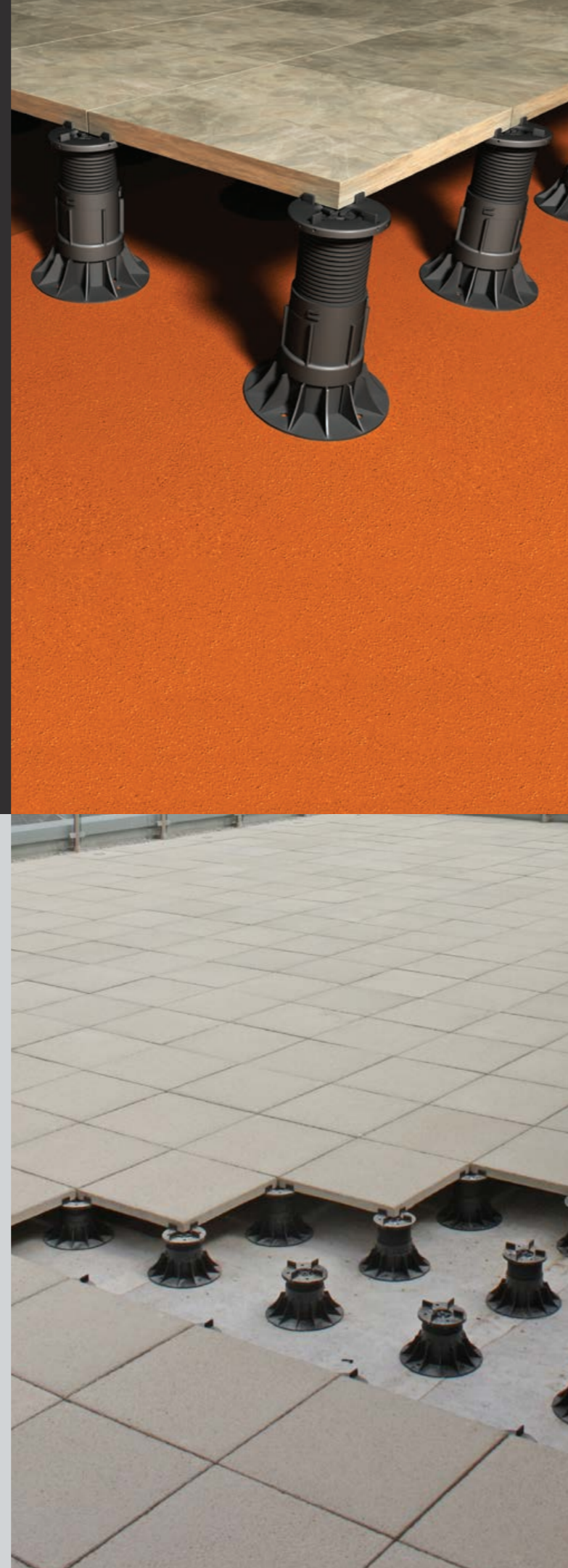
The RynoPaveSupport self-levelling adjustable pedestal is unrivalled in its field.

Designed to support any type of calibrated paving, it offers the highest compressive strength of any pedestal system on the market.

Self-levelling support.

The unique self-levelling pedestal head and impressive height range will accommodate even the most complex paving issues - including sloping areas, drainage and maintenance access.

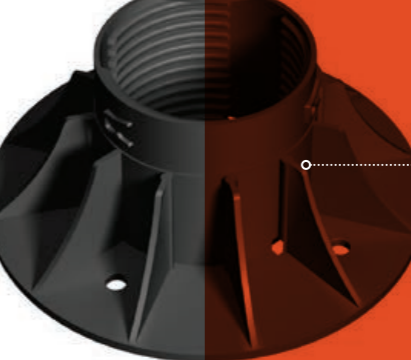
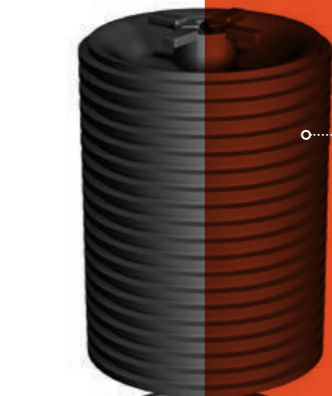
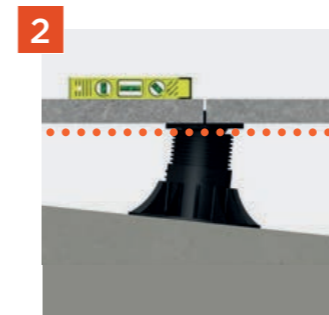
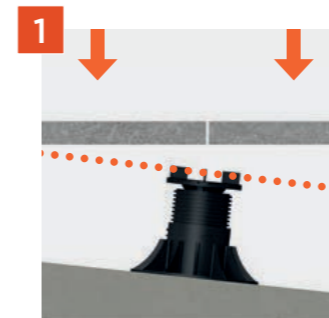
- **Unique self-levelling design offers slope correction up to 10.5%**
- **Ultimate compression strength for maximum durability**
- **Simple design ensures rapid installation**
- **For use with any type of calibrated paving - concrete, granite, porcelain, etc.**



Self-levelling paving support head

Due to its innovative self-levelling head design, RynoDeckSupport has the fastest installation time of any pedestal system available.

- Utilises the 'ball & socket' joint concept to allow a free moving captive head
- Provides slope correction of up to 10.5% (6°)
- Lay paving or decking directly onto pedestals without manual slope correction
- Offers significant time savings and a perfectly level finished area
- Alternative head available to support decking



Adjustable threaded section

This heavy grade threaded section allows you to adjust the height in minute increments, within the given range. It's easy to adjust, simply grab and twist.



Height extension collar

A very simple design with a single 'click' motion to attach, these extension collars build up the pedestals in 100mm increments.



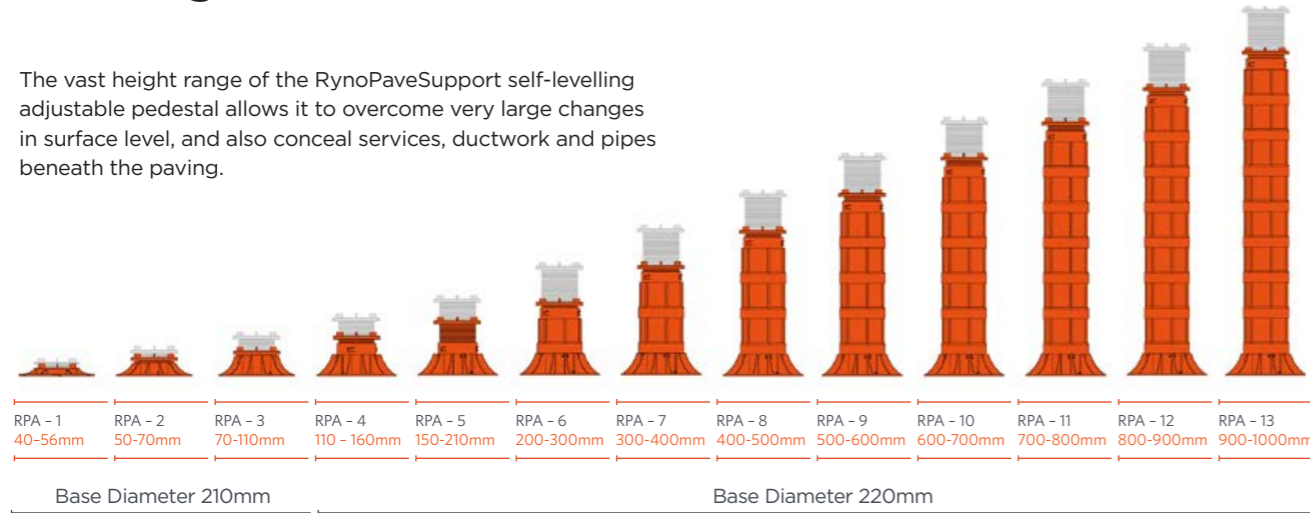
Wide supporting base

Pedestal creates an evenly spread load on the surface below, ensuring that membranes are well protected. Pedestals are loose laid and do not require fixing to the floor. Designed with water drainage holes to prevent moisture build-up.

RYNO PavSupport™ Self-levelling Adjustable Paving Pedestals

Size range

The vast height range of the RynoPaveSupport self-levelling adjustable pedestal allows it to overcome very large changes in surface level, and also conceal services, ductwork and pipes beneath the paving.



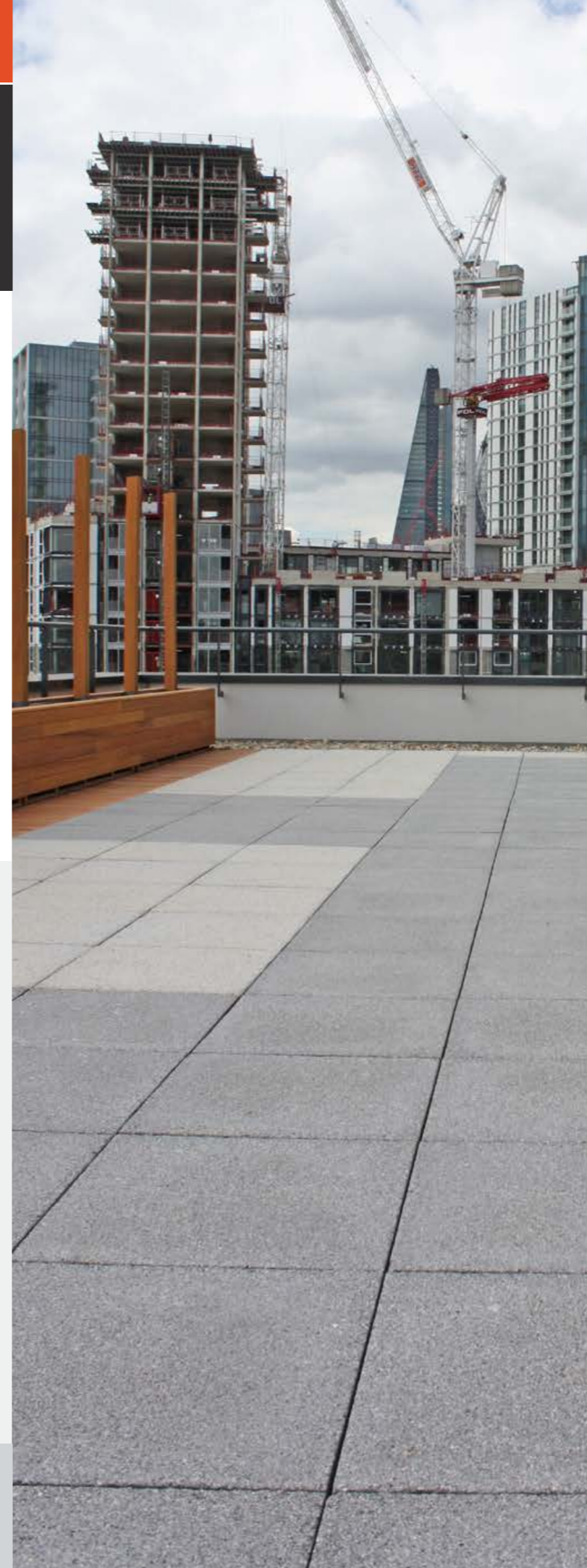
Optional components

- RPA-PS** Perimeter spacer tab
Ensures uniform spacing between perimeter slabs and wall abutment
- RPA-NRH** Non-rocking head
- RPA-FH** Flat head (no tabs)
- RPA-BRSP** Base rubber shock pad
Enhances acoustic performance and protection of the roof membrane
- RPA-HRSP** Head rubber shock pad
Enhances shock absorption and sound reduction. Perfect for lighter or harder paving materials, such as porcelain
- Spacer tab thickness options**
Standard: 4mm
Optional: 2, 6, 8, 10mm
- Pedestal adjustment key**
- Paving slab handler**
For slab sizes from 300 - 500mm

RynoPaveSupport pedestal quantity calculations

For help calculating the quantity of pedestals you require, or for any other guidance regarding your project, call Ryno on:

01358 726000



Technical Specifications

Material
PP Polypropylene (recyclable), UV resistant

Biological/Chemical
Resistant to moulds, algae, alkali, bitumen

Height range
40mm-1000mm

Compression
2100 Kg
(certified compression data available on request)

Base diameter
210mm / 220mm

Head diameter
130mm

Spacer tab thickness
2mm / 4mm (standard) / 6mm / 8mm / 10mm

Working temperature
-40°C - 120°C

RYNOPaveSupport™

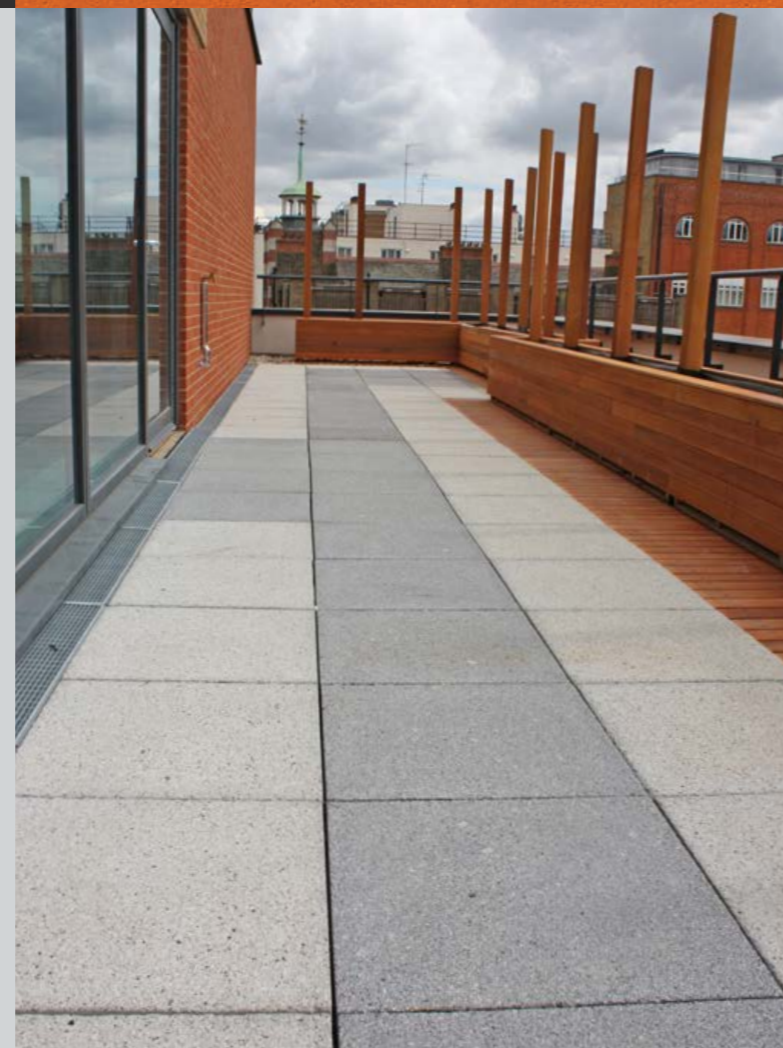
Fixed-head Adjustable Paving Pedestals

The RynoPaveSupport fixed-head adjustable pedestal offers a high quality and economical option for supporting paving systems on completely level surfaces. Its impressive 22–550mm height range makes it perfect for areas with problematic height restrictions, as well as areas where greater height build up is required.

Support in any space.

With a simple but very effective design, this pedestal makes for a rapid and effortless paving installation.

- **Robust product ensuring stability of paving area**
- **Perfect for very low height installations; adjusts down to 22mm**
- **Accommodates all types of calibrated paving – concrete, granite, porcelain, etc.**



Paving support head

Due to its low profile design, the RPF support head allows this pedestal to go right down to 22mm height. The head utilises a clever connection which allows it to turn freely on top of the adjustable threaded section of the pedestal, meaning that the pedestal height can be adjusted once the paving is on top. Paving is spaced perfectly by the uniform spacer tabs.



Adjustable threaded section

The robust threaded section allows for incremental height adjustment within the given range. Effortless to adjust, simply turn the section by hand, even once the paving is in place.



Height extension collar

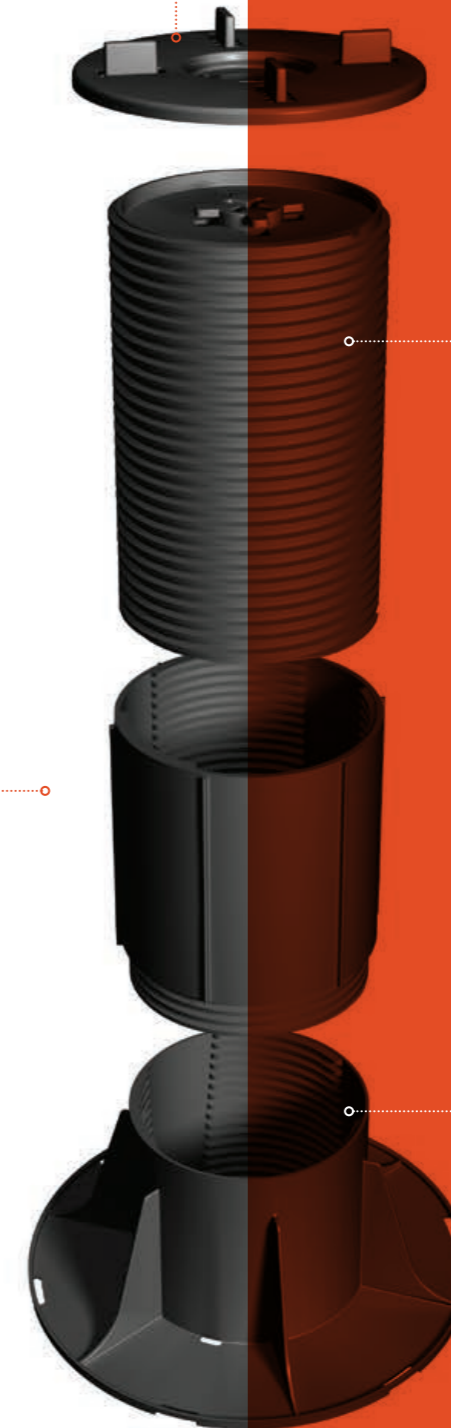
The extension collar adds 126mm of height by simply threading onto the base of the pedestal. This simple yet sturdy connection makes light work of supporting paving areas right up to 550mm. It is not necessary to determine how many of these extension collars are required; the correct quantity is supplied according to what pedestal size is chosen.



Support base

The broad base spreads the load on the surface below and ensures stability.

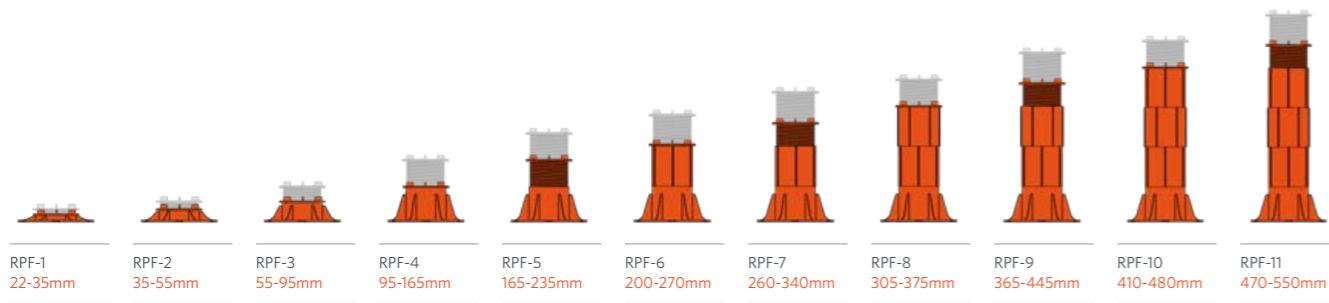
The pedestals are normally loose laid onto roofing membranes which must not be penetrated, or can be mechanically fixed to concrete or other substrates.



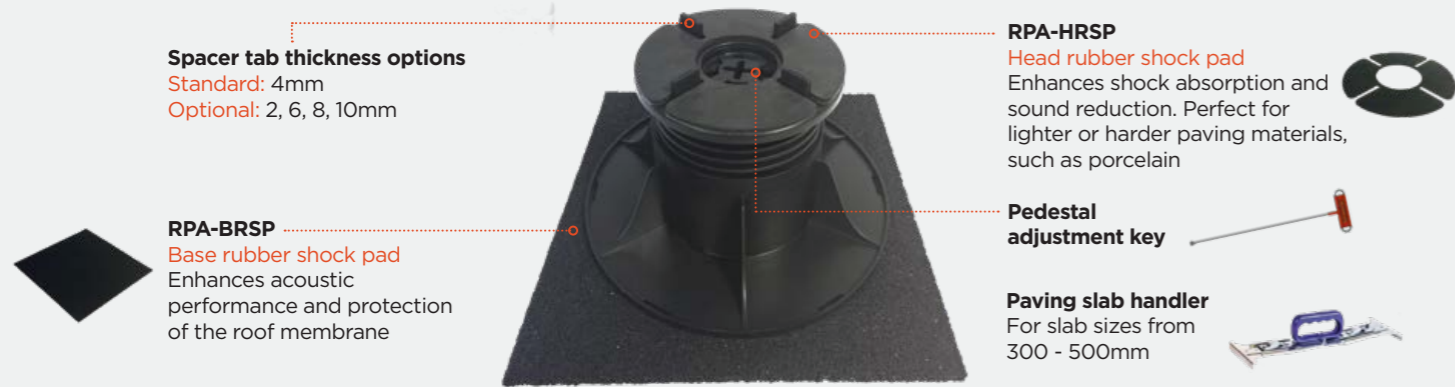
RYNO  **PaveSupport™ Fixed-head Adjustable Paving Pedestals**

Size range

The RynoPaveSupport fixed-head adjustable pedestal is the perfect solution where paving is to be supported on a totally flat area. Capable of supporting joists as low as 22mm off the surface, it will overcome the common problem of height restrictions, as well as quickly and simply elevating paving areas up to 550mm high.



Optional components



RynoPaveSupport pedestal quantity calculations

For help calculating the quantity of pedestals you require, or for any other guidance regarding your project, call Ryno on:

01358 726000



Technical Specifications

Material
PP Polypropylene (recyclable), UV resistant

Biological/Chemical
Resistant to moulds, algae, alkali, bitumen

Height range
22mm-550mm

Compression
1000 Kg

Base diameter
200mm

Head diameter
120mm

Spacer tab thickness
2mm / 4mm (standard) / 6mm / 8mm / 10mm

Working temperature
-40°C - 120°C

RYNOPaveSupport™

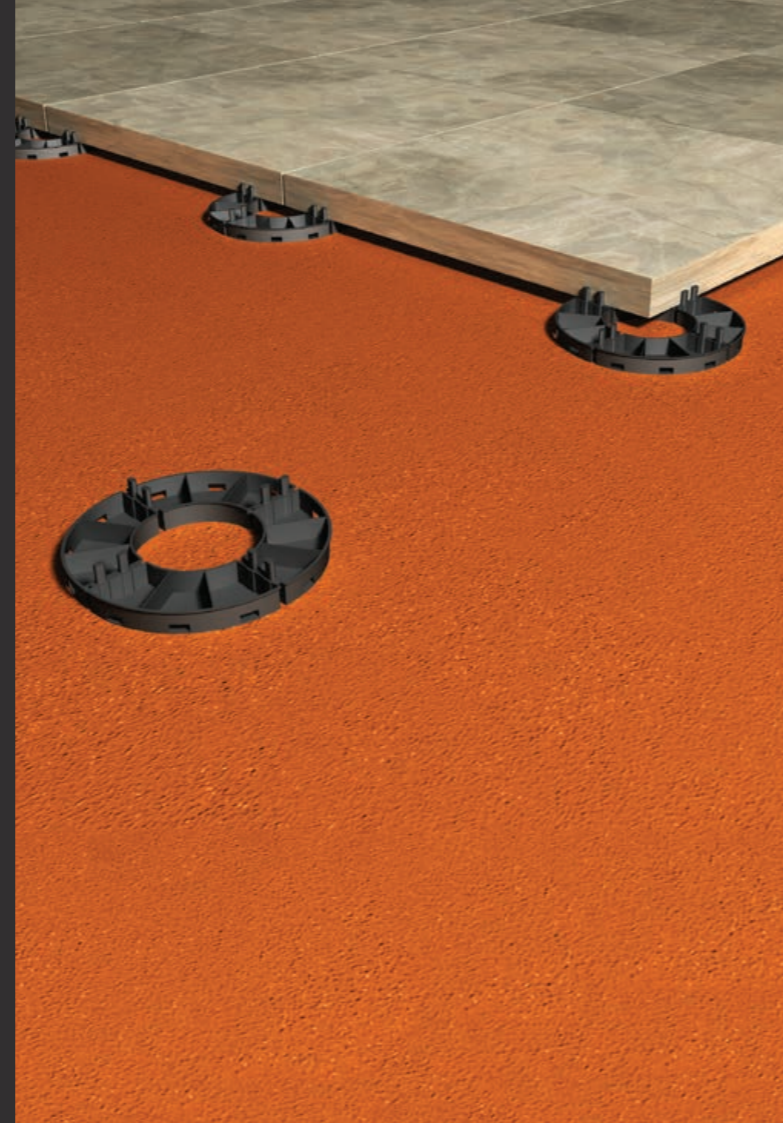
Stackable Paving Support Pads

RynoPaveSupport low height stackable paving supports are the perfect solution where paving requires elevating off the ground by a minimal height.

Strong, safe support.

Simple to install and adjust, they are a very economical method of creating a clear space below the paving, which allows for rapid water drainage.

- Supports very low paving applications, as low as 9mm
- Extensively used for ballasting the insulation on inverted roof systems
- Perfect for patio overlays/renovations
- Ideal for creating balcony decking areas
- Stackable, allowing for increased support height where required
- For low height applications



Stackable paving supports

RynoPaveSupport stackable paving supports create a perfectly uniform gap below the slabs, and can be stacked up to 3 units high.

Designed for use on totally flat surfaces, such as a roof area with 0° fall, and incorporating a 3mm shim which allows for finer height adjustment where required.



+ Rubber paving support

Rubber paving supports have increased shock absorbent properties, making them ideal for use with old or less durable membranes. Manufactured from solid rubber, they also have enhanced acoustic characteristics over the polypropylene options.



Adaptable height

Supports can be stacked and combined with shims to achieve the exact height requirement.



Snapping sections

Supports can be snapped into halves and quarters to support slabs at edges and corners.

RYNO  **PaveSupport™ Stackable Paving Support Pads**

Stackable paving supports



RPS-15
15mm
Stackable paving support



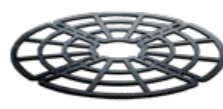
RPS-10
10mm
Stackable paving support



RPS-1 **RPS-2** **RPS-3**
1mm 2mm 3mm
Stackable paving support shims (For use in conjunction RPS-10/RPS-15, for fine height adjustment)



RPS-HD15
15mm
Heavy-duty stackable paving support



RPS-HD2
2mm
Heavy-duty stackable paving support shim (for use in conjunction with RPS-HD15, for fine height adjustment)

Rubber paving supports



RPS-9
9mm
Rubber paving support

RynoPaveSupport stackable support quantity calculations

For help calculating the quantity of stackable supports you require, or for any other guidance regarding your project, call Ryno on:

01358 726000



Technical Specifications

Stackable paving supports	Rubber paving supports
Material PP Polypropylene (recyclable), UV resistant	Rubber
Biological/Chemical Resistant to moulds, algae, alkali, bitumen	Resistant to moulds, algae, alkali, bitumen
Height range 1mm - 51mm	9mm
Diameter 150mm	120mm
Spacer tab thickness 3mm	4mm
Working temperature -40°C - 120°C	

Complete Paving Support Grating System

The RynoPaveSupport paving support grating system takes paving support to a whole new level. The robust polycarbonate grates are specially constructed to provide ultimate stiffness, creating a solid platform to support all types of calibrated paving systems. By creating an elevated paving support surface, RynoPave support grates allow patios and paved areas to be created on very uneven or sloping ground, without having to undertake expensive and disruptive groundworks.

Full Paving support system.

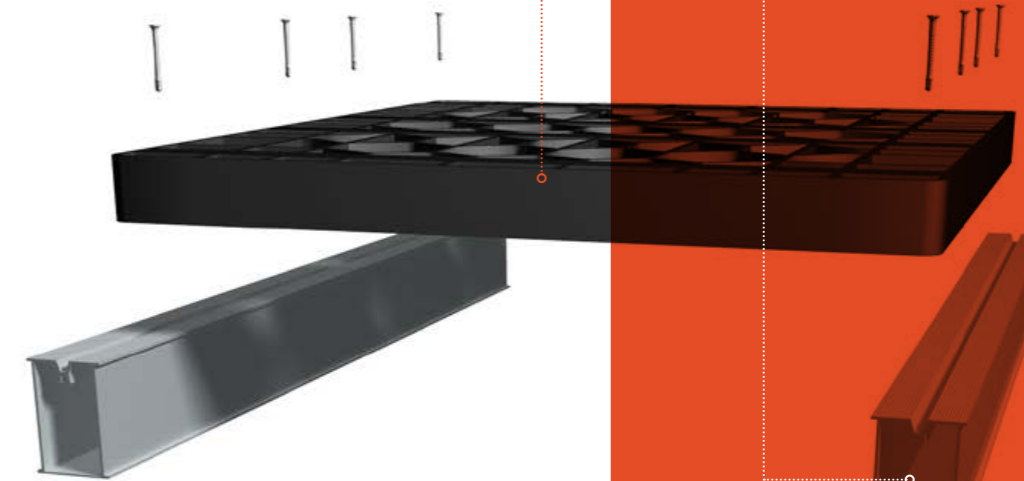
Unlike other systems, RynoPaveSupport grates provide full support to the paving system, giving scope to far more intricate paving designs and styles. The grates are supported on two sides by suitable timber joists or Ryno aluminium joists, with RynoPaveSupport pedestals.

- Creates elevated paving areas with ease
- Eliminates the need for extensive groundworks, such as retaining walls and back-filling
- Perfect for roof terraces and balconies
- Suitable for all types of calibrated paving – concrete, block paving, granite, limestone, sandstone, marble
- Unlimited design possibilities; create the pattern format you want!
- Allows rapid water drainage through the paving



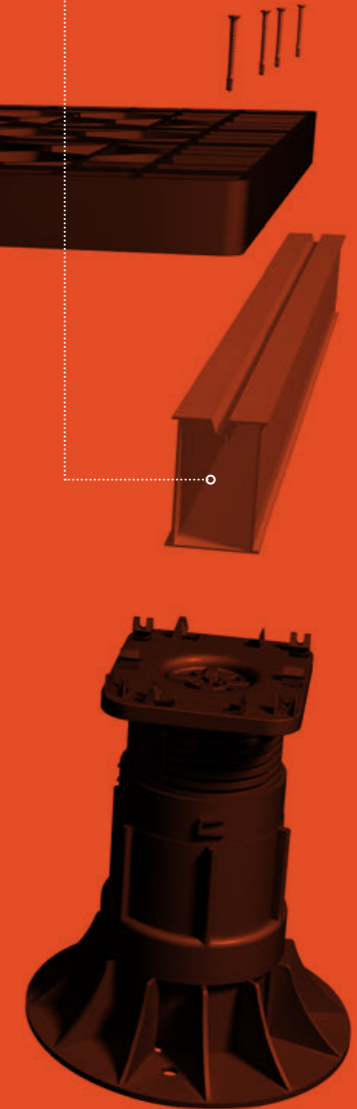
Paving support grate

Constructed from polycarbonate for ultimate strength, and utilising a specially designed 'honeycomb' structure to increase stiffness, the grate fully supports the paving. A landscape fabric is introduced on top of the grates if the paving kiln dried sand is to be brushed into the joints. The grates are fixed down to the supporting joists with screws to ensure a solid finish.



Supporting joist structure

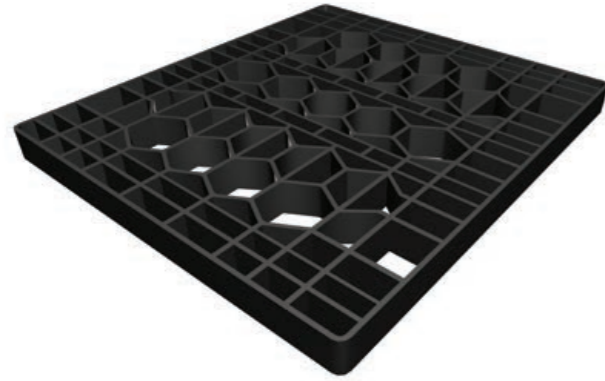
The support grates are fully supported on two sides by either timber joists or Ryno Aluminium substructure. It is imperative that the supporting joist structure is of sufficient strength to ensure there is no movement.



Supporting pedestals

RynoPaveSupport paving grates can be supported by the Ryno pedestal systems. This ensures ultimate support strength and versatility, and means the system is perfect for paving designs on roof terraces and balconies.

Support grate

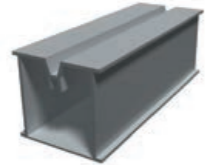


PSG-1
 Length: 450mm
 Width: 400mm
 Thickness: 38mm

Additional components



Landscape Fabric
 Prevents kiln dried sand from falling through the grates



Ryno aluminium joist structure
 Provides a high strength supporting structure for the paving support grates.



Pedestals
 Ryno pedestals provide strong and versatile support for the joists.



Fastening screws
 High quality wood screws are sufficient for fixing the grates to a timber joist structure. However with the Ryno aluminium substructure, stainless steel screws should be used to ensure no corrosion occurs.



Technical Specifications

Material

PCABS
 (Polycarbonate/Acrylonitrile Butadiene Styrene)

Biological/Chemical

Resistant to moulds, algae, alkali, bitumen

Grating Dimensions

400 x 450 x 38mm

Support Height

82-1110mm (depending on specific requirement)

Coverage

0.18 m² per grate

Weight

1.814Kg per grate

Allowable load, uniformly distributed (UDL)

Grating only (fully supported on solid flat surface): 52 kN/m²

Complete system (including gratings, support joists and pedestals): 7kN/m²

Allowable load, concentrated

Complete system (including gratings, support joists and pedestals): 2kN/m²

RynoPaveSupport grating quantity calculations

For help calculating the quantity of paving support grating and components you require, or for any other guidance regarding your project, call Ryno on:

01358 726000



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