

Product Data Sheet

ADJUSTABLE PAVING SUPPORTS

Roof Finishes

Adjustable Paving Supports are designed to support paving slabs, decking and concrete/ceramic tiles on roofs with pedestrian access.

Installed directly on to a suitable waterproofing system, the Adjustable Paving Supports are designed for use on flat roofs, balconies, podiums and terraces.

A selection of Adjustable Paving Supports are available to suit a range of design requirements.



Non-Combustible Adjustable Paving Supports

Fixed-head paving support manufactured from steel and zinc-nickel electroplated for corrosion-resistance with a TPE spacer gasket.

The Non-Combustible Adjustable Paving Supports offer precise, millimetric adjustment across a wide range of heights (refer to table below).

Key benefits

- Considered Euroclass A1 (Decision 94-611/EC).
- 60 year design life.
- Provide support for all types of calibrated paving, including natural stone, concrete and porcelain.
- Adjustable height between 25mm and 505mm.
- Resistant to moulds, algae, alkali, bitumen and UV.
- Manufacturer's Environmental Product Declaration (EPD) available.

Metal spacer tab:

An optional metal spacer tab is available.

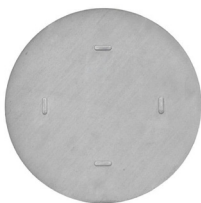
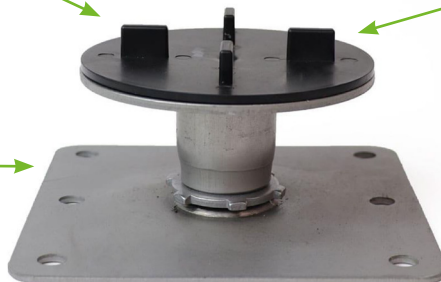
Wide supporting base:

completely flat to spread load and to protect membrane and surfaces. Holes enable pedestals to be fixed to the substrate if required. The 3mm rubber base shock pad listed in the table below* must also be used to protect the waterproofing/ insulation.

Fixed pedestal head

with 4 spacer tabs. For corner support, keep all 4 spacer tabs.

For edge support, remove 2 spacer tabs, and leave 2 aligning spacer tabs for edge support.



Spreader plate

Used to spread the load action onto the roof. The 170mm circular spreader plate can be attached to the underside of the pedestal base.



Base shock pads

Made of SBR (syrene butadiene) rubber and polyethylene, the 3mm Base Shock Pad is a protective membrane designed to safeguard the waterproofing membrane below and acts as an acoustic dampener against impact sound transmitted through the support.



Edge spring clip

The edge spring clip fits on top of the paving supports around the periphery of paved areas to ensure uniform spacing against wall abutments, helping ensure rapid drainage. By tensioning the tile bed it counteracts paver creep and movement.

Product range and packaging

Product reference (Including rubber pad and 170mm spreader plate)	Product reference (Including rubber pad only)	Adjustable height range (mm)	Weight (kg)	Pack quantity
NCPS170RB/25	NCPS25	25 – 35	0.46	25
NCPS170RB/35	NCPS35	35 – 50	0.50	25
NCPS170RB/50	NCPS50	50 – 70	0.53	25
NCPS170RB/70	NCPS70	70 – 115	0.58	25
NCPS170RB/115	NCPS115	115 – 205	0.92	25
NCPS170RB/205	NCPS205	205 – 305	1.11	18
NCPS170RB/305	NCPS305	305 – 405	1.28	18
NCPS170RB/405	NCPS405	405 – 505	1.39	18
NCPSCSP	170mm spreader plate for non-combustible paving support			
NCPSRB	3mm rubber base for non-combustible paving support (25 / bag)			

*Includes rubber pad and 170mm spreader plate.

Technical specification

Description	
Reaction to fire (BS EN 13501-1)	Considered Euroclass A1 (Decision 94-611/EC)
Loading capability (EN 1991-1:2002)	Concentrated load: 2.0 kN as standard, available up to 4.5 kN if required
	Uniformly distributed: 4.0 kN as standard, available up to 7.5 kN if required/m ²
Base diameter	120mm x 120mm
Head diameter	90mm
Space tab thickness	2 or 4mm (4mm supplied as standard)

Non-Combustible Stackable Paving Supports (10mm)

170mm x 170mm stackable paving support manufactured from 4mm steel with zinc-nickel electroplated for corrosion-resistance.

The Stackable Non-Combustible Paving Support is a low-height paving support system designed for use in ultra-low height applications such as on terraces, podiums, roof decks and inset balconies.

The supports can be stacked at a 45° angle to create 10mm increments of stacking, or directly stacked to achieve 2mm increments (up to 10 supports high).

Key benefits

- Considered Euroclass A1 (Decision 94-611/EC).
- Suitable for all calibrated paving types including natural stone, concrete and porcelain.
- 60 year design life.
- Resistant to moulds, algae, alkali, bitumen and UV.



Spacer tabs
stacks in 2mm or 10mm increments.

Drainage holes
for rainwater drainage.

Simple height build-up
Supports can be stacked up to 10 high.



Locator slots
to locate positioning for 45° stacking.

Optional: Gasket & Shock pad
For enhanced shock-absorption and sound reduction.

45° stack builds height in 10mm increments



Direct stack builds height in 2mm increments



1mm
self-adhesive
levelling
gasket part



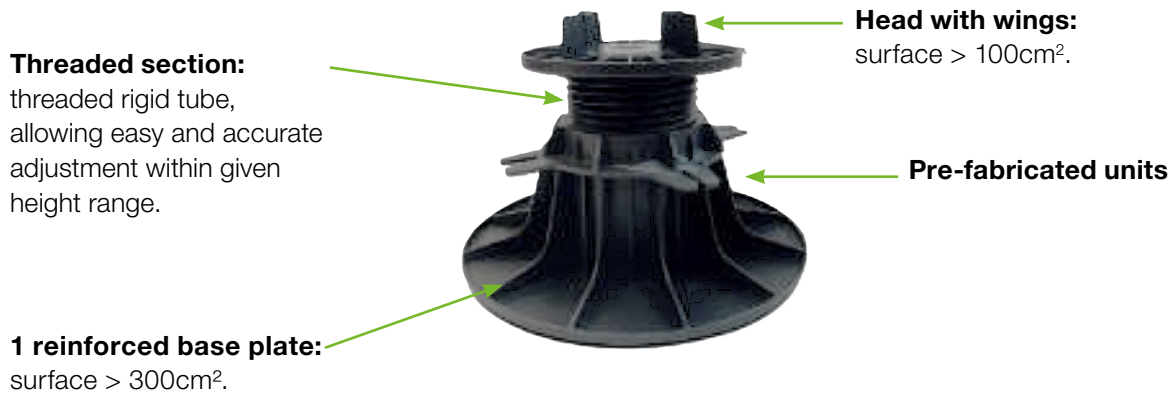
3mm
rubber shock pad

Technical specification

Description	
Product reference	NCPS10
Reaction to fire (BS EN 13501-1)	Considered Euroclass A1 (Decision 94-611/EC)
Height range	10mm - 100mm Stacked directly - 2mm increments Stacked at 45° - 10mm increments
Weight	0.35kg
Compressive strength	1000kg
Dimensions	170mm x 170mm
Spacer tab thickness	4mm

Adjustable Paving Slab Supports

Manufactured from polypropylene and copolymer loaded with calcium carbonate, Adjustable Paving Supports are designed to support paving slabs or concrete tiles.



Installation

Adjustable Paving Slab Supports can be cut to install slabs at roof edges and corners.

Paving slabs are laid on to the supports.

The spacers on the platform head provide an outlet for water.

Maximum slope is 5%.

Variations in size and composition will be in accordance with manufacturer's specifications.



Storage

Store in a cool dry place, away from heat.

Product range and packaging

Product reference	Adjustable height range (mm)	Pack quantity (bags/pallet)
1927010	8-20	100 / 18
1927025	25-40	100 / 18
1927042	40-60	60 / 18
1927062	60-90	50 / 18
1927092	90-150	30 / 18
1927153	150-260	25 / 18
1927610	110 (paving slab support extension)	60 / 18

Technical specification

Description	
Temperature of use	-30°C < X < +50°C
Eccentric load on one corner of the support	250 daN
Total distributed load per support	500 daN

Note: to the head of the support, there is a 2mm lug. This should be included in spacing and depth measurements.

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