

# Product Data Sheet

## ADJUSTABLE PAVING SLAB SUPPORTS

**Axter adjustable paving supports are designed to support paving slabs, decking or concrete/ceramic tiles on pedestrian access roofs.**

Installed directly on to a suitable waterproofing system, insulation or mastic asphalt, the supports are for use on inverted roofs or a cementitious protective screed in multi-layer waterproofing systems.

### **Non-Combustible Adjustable Paving Supports**

In compliance with the latest edition of Building Regulations guidance Approved Document B – Fire Safety, Axter's non-combustible adjustable paving supports with circular or square base meet the Class A1 set out in BS EN 13501-1 and are designed for flat roofs, balconies and terraces.

Fully non-combustible paving supports manufactured from steel with zinc nickel corrosion-resistant finish and available in a wide range of heights.

## Key benefits

- Non-combustible (Euroclass A1 and A1<sub>FL</sub> fire rated) paving pedestal.
- Ideal for roof decks, terraces, podiums, balconies.
- 60 year design life.
- Provide safe, strong support for all types of calibrated paving, including natural stone, concrete and porcelain
- Adjustable height between 25mm and 505mm.
- High resistance to deformation, cracking, splitting, warping.
- 4mm lugs as standard (2mm available on request.)
- Each pedestal capable of supporting loads in excess of 4400kg.
- Supplied with a 170mm diameter spreader plate and 230x230mm 3mm thick rubber pad as standard.

### An optional 1mm self-adhesive

Shock-Absorbent Gasket is available for use with metal spacer to enhance shock absorption and sound reduction.

### Paving Space Gasket:

10mm high metal provides consistent nominal spacing between slabs (choose from either 4mm or 2mm). Easily slides to provide two-tab option for tile edges.

### Wide supporting base:

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

### Rigid pedestal head

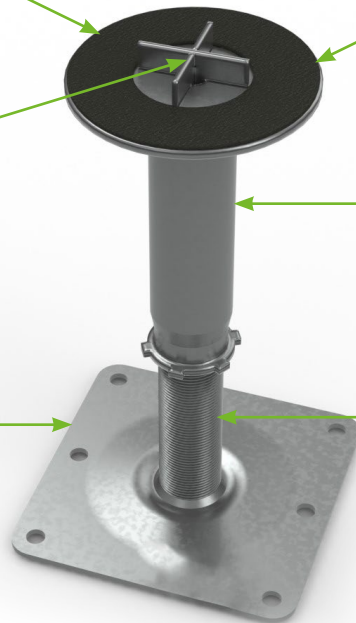
welded to upper threaded section, providing rigid support for paving.

### Upper threaded section:

internally threaded rigid tube, allowing easy and accurate adjustment within given height range.

### Lower threaded section:

externally threaded rigid tube, featuring locking ring for full stability.



### Spreader plate

Used to lower point loading and protect the waterproofing/insulation, the 170mm circular spreader plate can be attached to the underside of the pedestal base.



### Base shock pads

Base shock is to be installed under the pedestal to enhance acoustic properties and provide additional protection to the waterproof system.



### 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 creepage and movement.

## Non-Combustible Adjustable Paving Supports

Technical Specification		
Product material	Mild Steel	
Finish	Aztec Zinc Nickel corrosion resistant finish	
Height range	NCPS22	25 – 35mm
	NCPS35	35 – 50mm
	NCPS50	50 – 70mm
	NCPS70	70 – 115mm
	NCPS115	115 – 205mm
	NCPS205	205 – 305mm
	NCPS305	305 – 405mm
	NCPS405	405 – 505mm
	NCPSRB	*3mm rubber base for non-combustible paving support (25 / bag)
Compression	1000kg+	
Base diameter	120 x 120mm	
Head diameter	90mm	
Spacer tab thickness	2 or 4mm (4mm supplied as standard)	
Biological / chemical	Resistant to moulds, algae, alkali, bitumen, UV	

## Non-Combustible Stackable Paving Supports (10mm option)

The 10mm Stackable Non-Combustible Paving Support offers a very low-height paving application support system. 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

- Suitable for all calibrated paving types including natural stone, concrete and porcelain.
- 60 year design life.
- Simple, easy to use solution.
- Strong (Zinc-Nick electroplated mild steel).
- Each support is capable of supporting loads in excess of 1000kg.
- Efficient drainage holes.



**Spacer tabs**

Creates a perfectly uniform 4mm gap between tiles.

**Drainage holes**

Ensures fast and efficient rainwater drainage.

**Simple height build-up**

Supports can be stacked up to 10 high.

**45° stack** Builds height in 10mm increments



**Direct stack** Builds height in 2mm increments



**Locator slots**

Simply and quickly locate positioning for 45° stacking.

**Optional: Gasket & Shockpad**

For enhanced shock-absorption and sound reduction.



**1mm**  
self-adhesive  
levelling  
gasket part



**3mm**  
rubber shock pad

Technical Specification	
Product material	Zinc-nickel electroplated mild steel
Height	10mm (buildable up to 100mm in increments of 2 or 10mm)
Compressive strength	1000kg per support
Dimensions	170 x 170mm
Spacer tab thickness	4mm
Biological/chemical	Resistant to moulds, algae, alkali, bitumen, UV

## Other Adjustable Paving Supports

Axter copolymer propylene adjustable paving supports are designed to support paving slabs, concrete/ceramic tiles or timber decking on pedestrian access roofs.

### Key benefits

- Easy to transport, store, handle and install.
- Corrosion and maintenance-free.
- Available in five adjustable versions (height range 8mm to 590mm).
- High resistance to deformation.
- Supplied in reinforced, humidity-resistant, re-usable bags.



### Description

Pre-fabricated units comprising:

- Head with wings directly supporting the paving slab (>100cm<sup>2</sup>).
- Collar and regulating screw.
- Reinforced base plate (bearing surface >300cm<sup>2</sup>).
- A 110mm **paving slab support extension** is also available to allow greater height adjustments (up to three can be stacked on any sized paving slab support.)



### Product range and packaging

Product	Quantity/bag	Bags/pallet
Adjustable paving support height 8-20mm	100	18
Adjustable paving support height 25-40mm	100	18
Adjustable paving support height 40-60mm	60	18
Adjustable paving support height 60-90mm	50	18
Adjustable paving support height 90-150mm	30	18
Adjustable paving support height 150-260mm	25	18
110mm paving slab support extension*	60	18

\*A 110mm paving slab support extension is also available to allow greater height adjustments. These are available in bags of 60, 18 bags/pallet.

## Adjustable Paving Supports

Technical Specification		
Product material	Copolymer polypropylene with calcium carbonate	
	1927010	8 – 20mm
	1927025	25 – 40mm
	1927042	40 – 60mm
	1927062	60 – 90mm
	1927092	90 – 150mm
	1927153	150 – 260mm
Base surface	>300cm <sup>2</sup>	
Head surface	100cm <sup>2</sup>	
Eccentric load on one corner of the support	>250daN	
Total distributed load per support	>500daN	

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

Can be used in following temperature range: -30°C to +50°C.

### 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 place, away from heat.

NA: Not applicable due to use of product.

NPD: No performance determined.

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