

Product Data Sheet

ADJUSTABLE PAVING SLAB SUPPORTS

Roof Finishes

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 without gasket and with gasket meet the Euroclass A1 set out in BS EN 13501-1.

Non-Combustible Adjustable Paving Supports (without gasket)

These are manufactured fully from steel with no plastic or rubber components and are fully adjustable to achieve a range of heights by twisting the telescopic stem even when the slab or tile is in place.

Key benefits

- Non-combustible, 100% full metal pedestal
- Ideal for roof decks, terraces, podiums, balconies
- Adjustable height range between 30 and 258mm
- Supports all types of calibrated paving, including natural stone, concrete and porcelain
- 150mm diameter circular baseplate giving greater lateral stability
- Weight tolerance of over 1 tonne each
- Smooth underside and edges prevent digging into substrate
- Integrated headpieces for different purposes
- Threaded stem for millimetre precise height adjustment while paving/joist is in situ



The unit is manufactured from 2mm thick steel with a large 150mm diameter circular baseplate to distribute weight evenly and provide lateral stability. The perimeter of the baseplate is rounded upwards to avoid any sharp edge and eliminate the chance of puncturing the material beneath.

The headpiece is 120mm in diameter and has four positioning lugs 2mm thick integrated into the surface. The lugs are part of the headpiece, not separate brackets clipped to the top

Non-Combustible Adjustable Paving Supports (without gasket)

Technical Specification	
Application	Paving
Material	Galvanised Steel
Height	38 – 46 mm
	46 – 55 mm
	53 – 67 mm
	65 – 87 mm
	85 – 115 mm
	113 – 162 mm
	160 – 258 mm
Weight tolerance	1000 kg
Base plate diameter	150 mm diameter
Head piece dimensions	120 mm diameter
Lug width	2 mm
Lug height	10 mm
Fixing points	n/a
Headpiece interface	Any straight edge tile / slab / stone flag

Non-Combustible Adjustable Paving Supports (with gasket)

These are manufactured from steel with zinc nickel corrosion-resistant finish and are available in a wide range of heights.

Key benefits

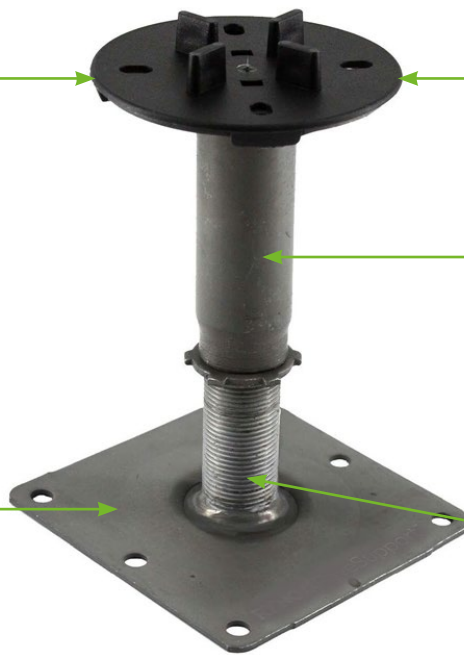
- Non-combustible, European Classification (Euroclass) A1 fire rated
- Ideal for roof decks, terraces, podiums, balconies
- 30 year design life
- Provide safe, strong support all types of calibrated paving, including natural stone, concrete and porcelain
- Adjustable height between 25 and 505mm
- High resistance to deformation, cracking, splitting, warping

Paving Space Gasket:

shock absorbent, featuring 10mm high tabs providing consistent 5mm nominal spacing between slabs.

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.

Non-Combustible Adjustable Paving Supports (with gasket)

Technical Specification		
Product material	Mild Steel	
Finish	Aztec Zinc Nickel corrosion resistant finish	
Height range	NCPS22	22 - 35 mm
	NCPS35	35 - 50 mm
	NCPS50	50 - 70 mm
	NCPS70	70 - 115 mm
	NCPS115	115 - 205 mm
	NCPS205	205 - 305 mm
	NCPS305	305 - 405 mm
	NCPS405	405 - 505 mm
	Weight tolerance	
Base plate diameter	NCPSRB	*3mm rubber base for non-combustible paving support (25 / bag)
Compression	1000 kg+	
Base diameter	120 x 120 mm	
Head diameter	90 mm	
Spacer tab thickness	5 mm	
Biological / chemical	Resistant to moulds, algae, alkali, bitumen, IV	

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 25 to 590 mm) and two fixed height options (8 mm and 20 mm)
- 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 (100 cm²)
- Collar and regulating screw (except for 20 mm and 8 mm fixed supports)
- Reinforced base plate (bearing surface 300 cm²)
- 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
Fixed paving slab support 8 mm	100/box	45
Fixed paving slab support 20 mm	100	18
Adjustable paving support height 25-40 mm	100	18
Adjustable paving support height 40-60 mm	60	18
Adjustable paving support height 60-90 mm	50	18
Adjustable paving support height 90-150 mm	30	18
Adjustable paving support height 150-260 mm	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	
Height range	1927008	8 mm fixed
	1927020	20 mm fixed
	1927025	25 – 40 mm
	1927042	40 – 60 mm
	1927062	60 – 90 mm
	1927092	90 – 150 mm
	1927153	150 – 260 mm
Base surface	>300 cm ²	
Head surface	100 cm ²	
Eccentric load on one corner of the support	>250daN	
Total distributed load per support	>500daN	

Note: point loading of 8mm support has not been tested but will be equivalent to or greater than values shown above.

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

Installation

Axter 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.

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