

Robust fire-safe substructures for high-rise balcony decking and paving

Our comprehensive range of durable, non-combustible steel pedestals and aluminium joists enable the quick, safe and accurate installation of suspended decking and paving schemes.

This robust, fire-safe range is ideal for use on balconies, terraces and flat roofs to improve the safety of high-rise living. In compliance with the latest UK fire safety regulations, all components have a fire rating of Class A2-s1,d0 or better, to BS EN 13501-1.

In addition to being fire-rated, our A2 substructures provide exceptional flexibility, in terms of joist grid patterns and pedestal height and placement, enabling installers to navigate uneven substrates and obstructions, such as vents and drains, with ease.

EazyPed Steel Pedestals

Available in ten standard sizes to suit a height range of 26mm to 375mm (with larger sizes up to 675mm available on request), these fire-safe steel pedestals feature a high quality Zintec 200 coating for maximum corrosion protection, making them ideal for long-term outdoor exposure.

They can be used to provide direct support for paving slabs or as part of a pedestal-joist system to support paving or decking.

Top – Features a 95mm diameter flat head as standard that accepts a number of different headpieces to suit the application.

Stem – Pedestal height is adjusted via a threaded stem and fixed in place with the safety locking nut. Height can be adjusted even with top material layer in place.

Base – Free-draining, 100mm diameter, baseplate featuring alternate 6mm and 10mm diameter drainage holes that can also be used to mechanically fix pedestal to substrate if required. Additional Spreader Plate base, 185mm diameter, is available to help reduce point loading on vulnerable sub-surfaces by distributing weight more effectively.



EasyPed Heads

A number of headpieces are available that click quickly and easily into EasyPed pedestals to cater for various applications.

Tile Spacer

A simple 4-way tile spacer is available to clip into the standard EasyPed flat head.

Paving Head

Attached to either an EasyPed pedestal or EasyJoist rail, the Paving Head is a practical and efficient solution for securing EasyPave porcelain paving. Integral lugs position and hold tiles in place and provide a drainage gap. Various standard Paving Heads are available to suit tile layouts, including 4-way and 2-way options.

Self-Levelling Head

The range includes a self-levelling head for paving applications, offering up to 5% of slope correction in all directions. It automatically and innovatively adjusts to create a perfectly flat upper surface, when receiving the slabs.

Joist Head

Manufactured from high-grade aluminium 6063 T6, this head securely fixes to an EasyPed pedestal with a screw, creating a robust fire-rated substructure when combined with EasyJoist rails.



Tile Spacer
No Additional Height



Paving Head
Adds 2mm to Height



Self-Levelling Head
Adds 18mm to Height



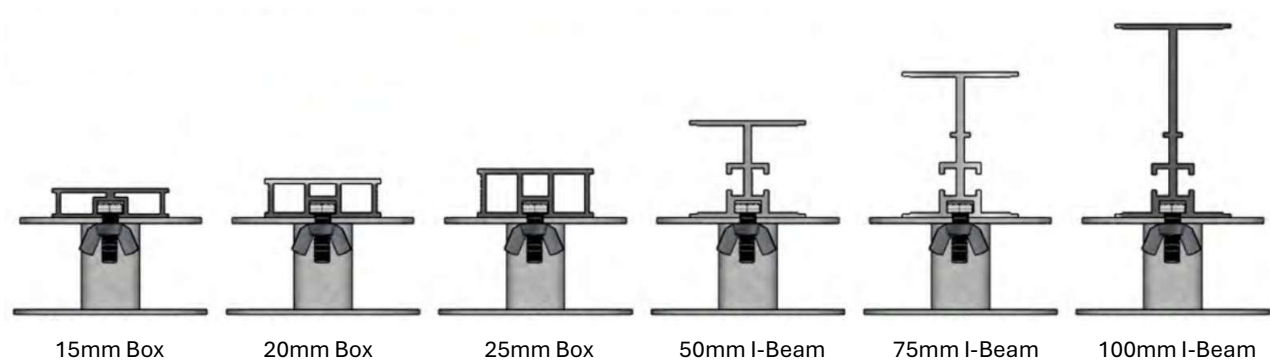
Joist Head
Adds 4mm to Height

EasyJoist Rails

EasyJoist Rails from BM Architectural are made from high-grade extruded aluminium and designed for both paving and decking applications. They offer lightweight yet highly durable substructures, ensuring superior load-bearing capacity and long-term, fire-safe performance.

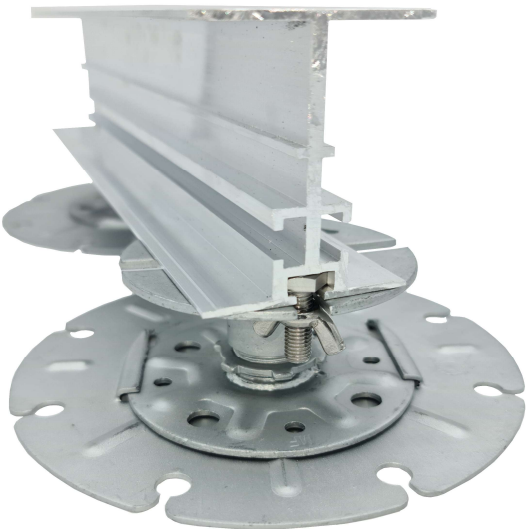
They are designed for flat decks and offer design versatility in various applications, including flat roofs, podium decks, balconies, terraces, and walkways. EasyJoist aluminium rails are compatible with BM Architectural’s plastic pedestal range and full range of fire-rated EasyPed steel pedestals and accessories, ensuring seamless integration.

EasyJoist Rails are available in six depths; 15, 20 and 25mm Box rails are available in 2.5m lengths, and 50, 75 and 100mm I-Beam rails are available in 3.6m lengths; all are 60mm wide.



EasyJoist Box Rail

Shown fixed directly to EasyPed steel pedestal with M8 Wing Nut Kit and pedestal fixed to Spreader Plate



EasyJoist I-Beam Rail

Shown fixed to EasyPed steel pedestal with M8 Wing Nut Kit and pedestal fixed to Spreader Plate



EasyJoist Holder

Allows pedestal-free substructures as low as 17mm



M8 Wing Nut Kit