

PREVENTA METAL ADJUSTABLE PEDESTALS

TECHNICAL DATA SHEET



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Preventa Metal Adjustable Pedestals

Find out more or request a sample

Email sales@raftsystems.com or visit raftsystems.com

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SKU	HEIGHT RANGE MIN	HEIGHT RANGE MAX	WEIGHT PER PED	WEIGHT CAPACITY	CARBON EMBODIMENT	BOX QUANTITY
345001	5mm	–	0.38kg	12kN	1.09	50
345002	10mm	–	0.46kg	12kN	1.18	50
345003	15mm	25mm	0.50kg	12kN	1.22	50
345010	25mm	35mm	0.56kg	12kN	1.33	50
345011	35mm	55mm	0.58kg	12kN	1.36	50
345012	55mm	85mm	0.64kg	12kN	1.55	40
345013	85mm	145mm	0.71kg	12kN	1.36	40
345014	145mm	255mm	0.88kg	12kN	1.55	30
345015	255mm	365mm	1.06kg	12kN	1.55	20

Dimensions include top connector

Maintenance: once installed the pedestals are typically hidden and not accessible and do not require any further maintenance.

Fixing: free-standing installation onto a firm level surface. The top bracked clamps to the joist.

Composition: zinc-coated steel

Until testing is concluded, it can be assumed that the maximum weight load of the Metal Adjustable Pedestals is greater than 1 ton.

*The measurements include the total height of the pedestal and connector clip.

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Application

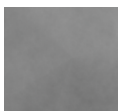
A height adjustable metal pedestal range designed to support RaafT® Aluminum Joists. Engineered to create safe and reliable external terrace support structure system that is fast and easy to install.

Installation information

Preventa pedestals seamlessly integrate with our joist and tile system, ensuring straightforward installation. They feature an external finish that withstands various weather conditions. RaafT®'s connectors are universally compatible with the pedestals across all applications, providing a versatile solution for every scenario.

In instances where additional height is needed beyond the initial order, we offer extenders. These extensions easily attach to the pedestals by removing the top section and screwing in the extender, accommodating any height variation required. The pedestals also offer swift adjustments using a standard 8mm hexagon key, which can be attached to a drill for efficient height adjustments, whether dealing with tall pedestals or transitioning from the lowest to highest settings in mere seconds.

External finish



External

Sustainability

Steel is very sustainable because once it is made, it can be used forever. Steel can be recycled an infinite amount of times and be used with NO downgrading in quality.

The non-renewable resources used to make steel, like minerals and fossil fuels, are not wasted because the steel will be used forever.

Steel is amongst some of the materials that are certified under the Green Buildings Rating System. Such as International Green Construction Code (IgCC) and USGBC's LEED (Leadership in Energy and Environmental Design) just to name a couple of sustainable certifications steel possesses



Product maintenance

With an external finish coating on our pedestals, little to no maintenance is required.

Fire rated

Fire rated in accordance with BS EN 13501-1 to achieve a BROOF(t4) classification. Consult our certification documents for verification.

Protective equipment

- Cut-resistant safety boots/shoes with toe protection
- Protective eyewear
- Strong gloves to protect the hands.

Storage and handling

For pedestals, it is strongly advised to store them in a dry environment with the packaging intact. The pedestals are packaged in boxes with a weight limit designed for safe handling by a single person.

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Accessories



Joist to ped connector

This is used to connect the pedestal to the Joist.



SLOPE CORRECTOR

This is used to correct a sloping on the surface, up to a 5° angle (1 in 10 fall).



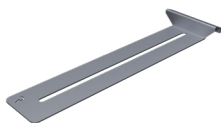
Spacer tabs

Used to maintain consistent gaps between surfaces.



Extender

If the pedestal height needs altering to meet project requirements then an extender may be used.



Tile wall spacers

Wall tile spacers are to be used when butting tiles against the edge of the building to avoid slipping of tiles and keeping a consistent 10mm gap around the perimeter.



EPDM Pads

Used to reduce the risk of penetration or damage to the water proofing membrane. Unaffected by moulds or algae.

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Accessory characteristics

PRODUCT DESCRIPTION	WEIGHT	SKU	CARBON*	BOX QUANTITY	MATERIAL SPECIFICATION
Raafst joist connector, 90mm diameter	0.02kg	342010	0.060 CO ₂ e	200	Geomet finish
EPDM compression pad 150x150mm D, 3mm thick	0.05kg	342012	0.151 CO ₂ e	300	EPDM
50mm pedestal extender	0.08kg	342013	0.242 CO ₂ e	100	Geomet finish
100mm pedestal extender	0.13kg	342014	0.393 CO ₂ e	100	Geomet finish
Pedestal slope corrector	0.112kg	342017	0.339 CO ₂ e	100	Geomet finish
2-way 4mm tile to pedestal spacer tab	0.104kg	343010	0.315 CO ₂ e	100	Geomet finish
4-way 4mm tile to pedestal spacer tab	0.104kg	343011	0.315 CO ₂ e	100	Geomet finish
Pedestal wall spacer	0.045kg	343013	0.136 CO ₂ e	500	Stainless Steel

* Carbon - Basing the carbon embodiment (global warming potential) of 0.1-0.33KG equivalent per kilogram of steel, the results are as follows, using the calculation of (kg of steel / 0.33).

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