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Kerapod Pedestal System

Kerapod Pedestal System

Take your projects to the next level with high-performance adjustable pedestal systems built for speed, strength, and precision.

Designed to conquer uneven and sloped surfaces, KeraPod delivers flawless elevated flooring with zero adhesives and maximum efficiency.

Create clean, concealed service zones while achieving superior load capacity, acoustic control, and fire compliance. Engineered to perform, built to impress – this is the smarter way to build elevated outdoor spaces.

Pedestal Range:
(3 Sizes)

Extenders available
100mm



25-52mm



52-152mm



152-392mm



Extender



With 100mm Extender

Engineered Pedestal System for Elevated Floors

KeraPod is BuildGreen's premium range of adjustable pedestal systems designed for elevated, self-supporting flooring over uneven or sloped surfaces.

Installed adhesive-free, KeraPod supports rooftop terraces, podium decks, raised service floors, pool decks and more – while creating concealed service voids beneath the surface for drainage, cables and utilities.

1.5T

Load per Pedestal

6 dB

Acoustic Reduction

0–6%

Slope Correction

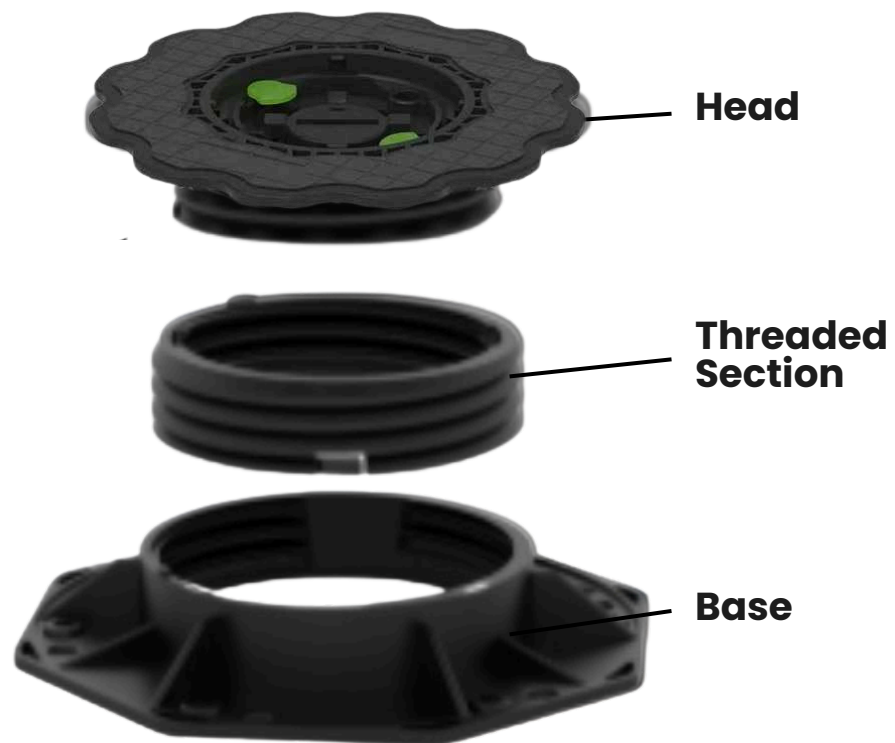
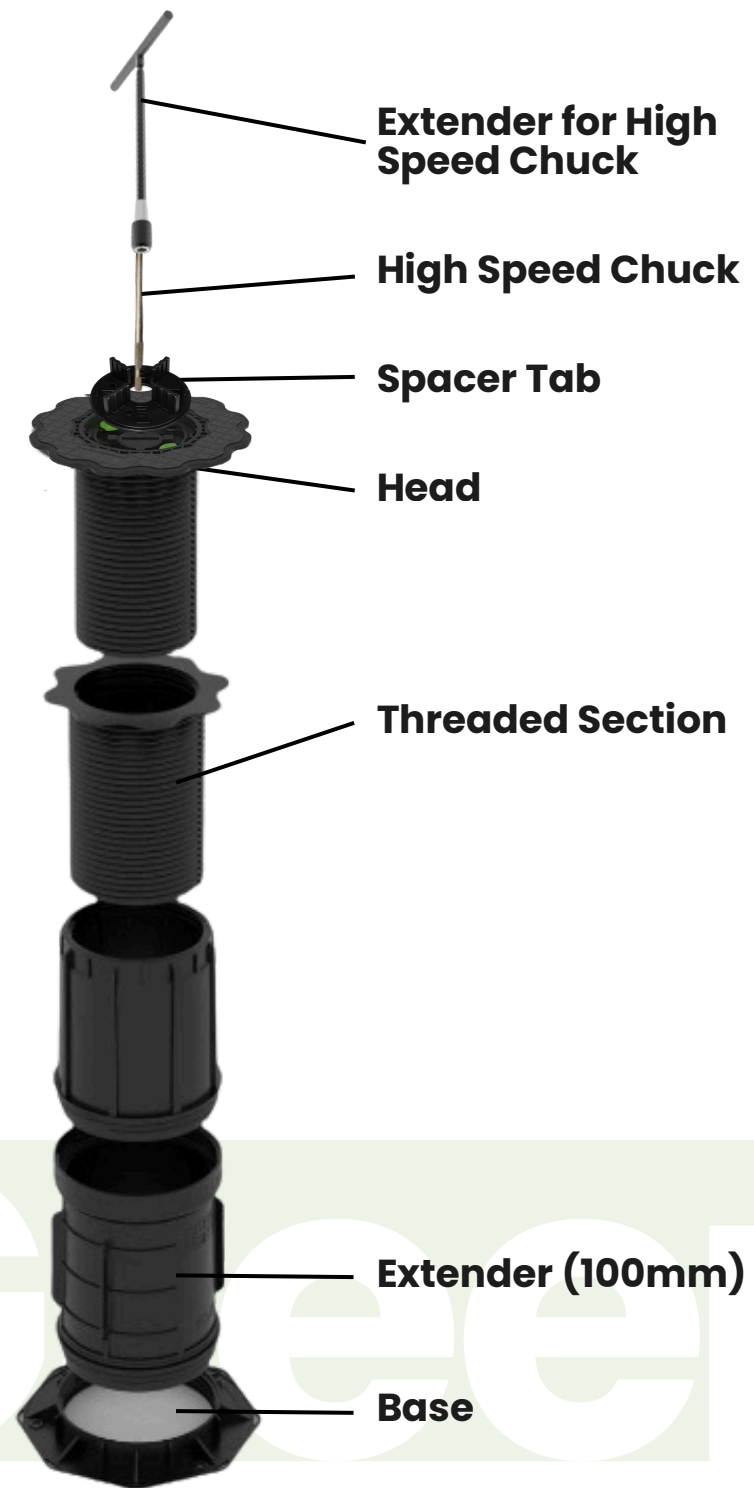
2.0kPa

Wind Resistance

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Sizes & Applications

Height Range	Configuration	Typical Use	Max Load
25-52 mm	Base + Head	Low-profile terraces, balconies, small decks	1.5T
52-152 mm	Base + Head	Tiled walkways, general installation	1.5T
152-392 mm	Base + Head	Standard podium, heavy-duty surfaces	1.5T
392-492 mm	Base + 100 mm Ext + Head	High elevation decks	1.5T
392-542 mm	Base + 150 mm Ext + Head	High elevation decks	1.5T
Up to 1080 mm	Multiple Extensions	Commercial rooftops, multi-level podiums	1.5T



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Accessories & Components

Wind Clip

Resist wind uplift on exposed rooftop and elevated installations

Spacer Tabs

4 mm pre-cut tabs for precise joint spacing between pavers or tiles

TPE Shim

1.5 mm thermoplastic rubber shim for fine levelling adjustment

Joist Cradle

Small joist cradle for timber joist installations

Aluminium Keels

Available in 40, 50, 60, 70 & 80 mm for framed decking systems

Plastic Tray

600 x 600 mm PP tray for tile and paver installation. 23 T SGS certified

High Speed Chuck

Installation tool for rapid pedestal height adjustment

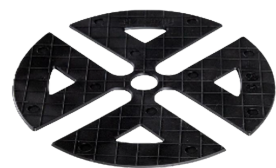
Chuck Extender

Extended reach version of the high speed chuck for taller pedestals

Self-Levelling Head

Automatically compensates for slopes up to 6%

Accessories & Components



1.5mm TPE Shim
Small Self Levelling Head



Spacer Tab
4mm



Wind Clip



Small Joist Cradle
Wooden Joist Install



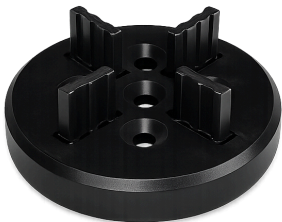
Aluminium Keel
40-80mm



High Speed Chuck



Plastic Tray
600mm X 600mm



Tray Locking Ring



Extender for High Speed Chuck

Application Areas

- Rooftop terraces & balconies
- Podium decks & landscaped rooftops
- Walkways & pedestrian routes
- Poolside decks & composite podiums
- Industrial work areas & access floors
- Control & electrical service rooms
- Exhibition flooring & fairgrounds
- Under-container & modular platform bases
- Outdoor lounges & entertainment platforms
- Elevated pool decks & waterfront walkways



Compatible Substrates: Concrete slabs · Waterproof Membranes · Rigid insulation panels · Compacted Surfaces

Key Benefits

Fast Installation

- Adhesive free, tool assisted installation. No curing time – projects move faster

Integrated Drainage

- Built in channels beneath pavers prevent pooling and protect the waterproof membrane

Fire Rated

- Passes AS/ISO 9239-1 fire safety tests. Critical Radiant Flux >11.0 kW/m². Smoke 2 %.min.

All Weather Durability

- Performs from -40 °C to $+75$ °C. Resistant to UV, sea salt, acids and alkalis.

Slope Protection

- Self-levelling head automatically compensates for substrate slopes up to 6%

Acoustic Performance

- Integrated 8 dB TPE acoustic mat reduces footfall noise – tested by Renzo Tonin, Australia

Sustainable Materials

- Fully recyclable PP + TPE. Zero VOC, non-toxic. Reduces need for concrete screeds

Easy Maintenance

- Modular design – lift a paver to access waterproofing or cables without demolition

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Installation Overview

01

Substrate Preparation

Ensure the concrete slab is smooth and has a minimum 1% fall away from any building. Compressive strength must be ≥ 1.5 MPa.

03

Select Pedestal Height

Choose the correct pedestal model for the required height. Use the self-levelling head (no Converter Ring) if slope correction up to 6% is needed.

05

Lay Pavers / Decking

Rest each paver corner on the pedestal head. Check level row by row. For gaps < 50 mm at walls, use stainless steel wall clips.

02

Layout Planning

Mark paver intersections using laser or chalk lines. Plan one pedestal per 600×600 mm corner intersection, plus perimeter pedestals.

04

Position & Adjust

Place pedestals at marked positions. Use the supplied adjustment key (or high-speed chuck) to rotate the head to the correct height. Do not stand on pavers while adjusting.

06

Wind Load Check

For exposed rooftop installations, confirm wind load suitability per AS/NZS 1170.2 and local regulations before opening to use.

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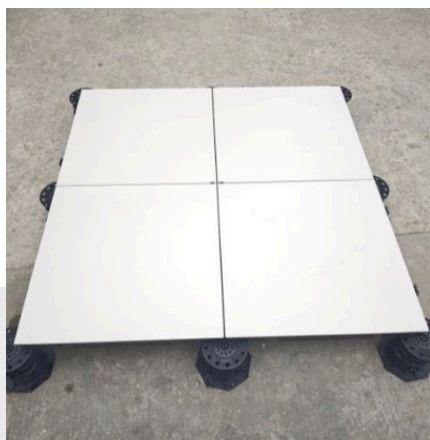
Installation of Plastic Trays



Place pedestals



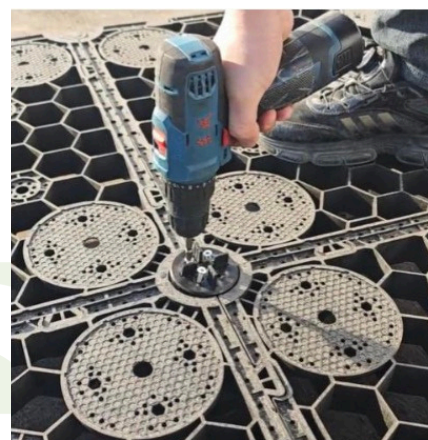
Tray on pedestals



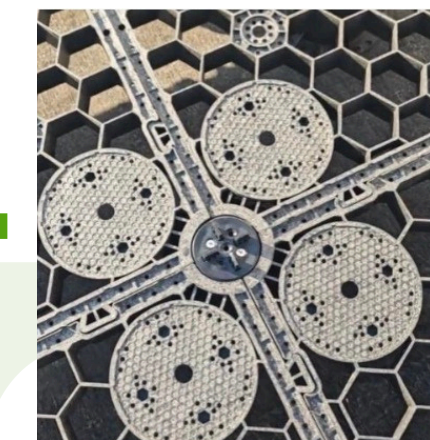
Finished

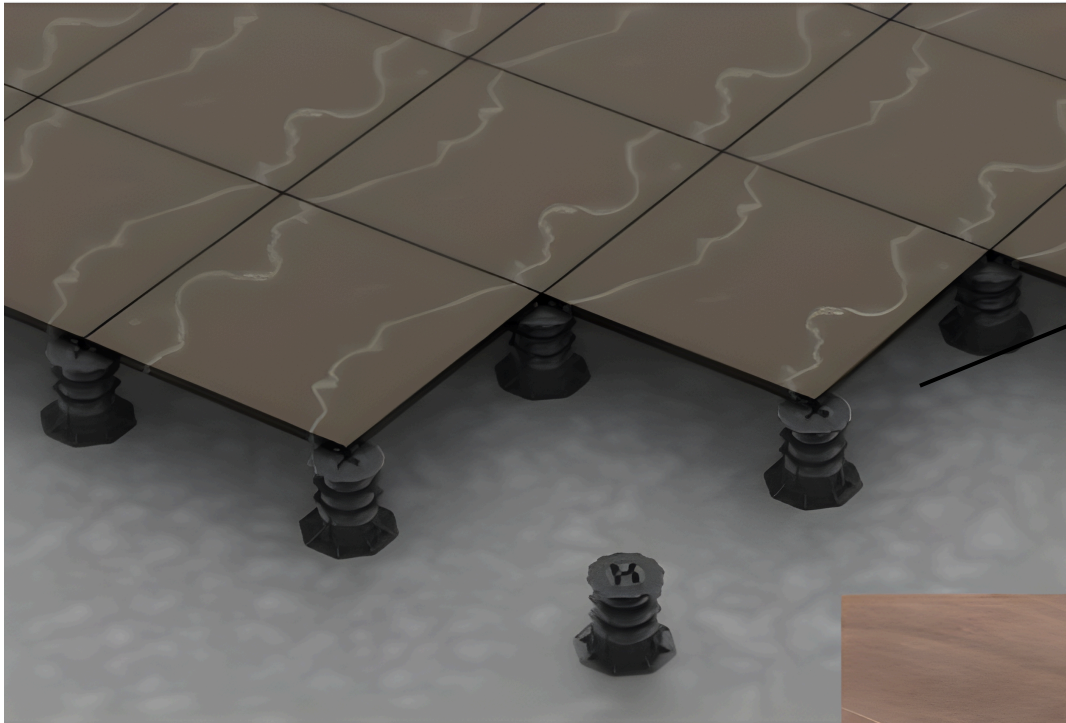


Pavers on top

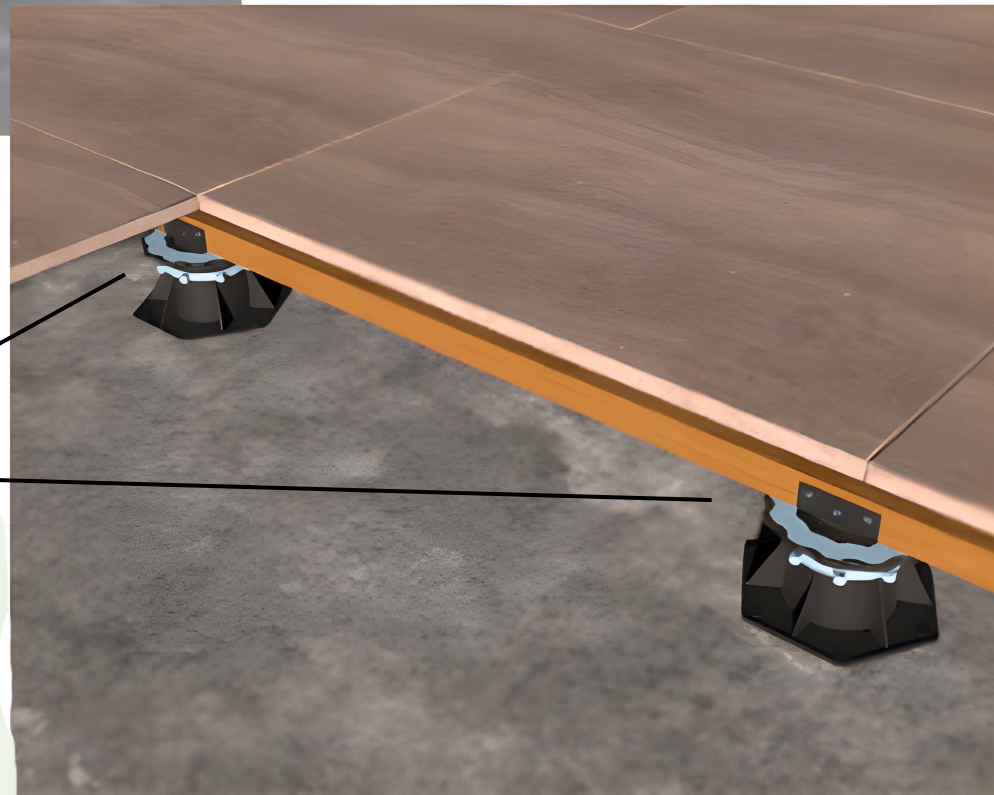


Fix with screws





Plastic Trays



Small Joist Cradle

Installation of Wind Clip



Tested & Certified Performance

15.44 kN

Load Bearing Per Pedestal

>11 kW/m

Radiant Flux (Fire Safety)

2 %.min

Smoke Emission (AS/ISO 9239-1)

6 dB

Acoustic Reduction

2.0 kPa

Wind Resistance (AS/NZS 1170.2)

Test	Standard	Result	Lab / Certifier
Load Bearing	Independent Structural Testing	15.44 kN	SGS
Fire Safety	AS/ISO 9239-1:2003	>11.0 kW/m² Radiant Flux	CETEC (NATA Acc. 1356)
Smoke Emission	AS/ISO 9239-1:2003	2 %.min	CETEC
Acoustic Reduction	Lab Test	6 dB	Renzo Tonin, Australia
Wind Resistance	AS/NZS 1170.2:2011	2.0 kPa – No Damage	Fuda Testing Technology Group
Modular Pallet Load	SGS Loading Test	237.25 kN (4-tray specimen)	SGS
UV / Weather Aging	ASTM G154-23 Cycle 8	3,321 kg load retained	SGS
Corrosion Resistance	Salt Spray (NaCl 50 g/L, 120h)	No visible corrosion	SGS

Sustainability

Fully Recyclable

- All components (PP, TPE, aluminium) are fully recyclable at end of product life.

Zero VOC

- Non-toxic materials with zero volatile organic compound emissions throughout their lifecycle.

Reduces Concrete Use

- Eliminates the need for concrete screeds and adhesives, cutting embodied carbon on site.

Long Lifecycle

- Designed for reuse and disassembly. Pedestals can be recovered and re-deployed across projects.

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