

# PEDECK

## CRADLE1250

PEDECK Joist Support Cradles are purpose designed to provide a secure, stable, time-saving and economical system which can be used for joist mounting and levelling.

The system is ideal for low-rise floors or decking on balconies, patios and roof terraces. The cradle is also ideal for supporting and raising floors in buildings - eliminating the need for levelling screeds before floor laying can start. The recycled plastic body is designed to support standard 2" Joists, keeping them off the concrete base, roof deck or balcony /patio surface and away from water or drainage areas when used externally.



Partly Recycled  
& Recyclable



High  
Strength



Fully Adjustable  
& Extendable



No Fixings Or  
Adhesive Required



2 Year  
Guarantee\*

A minimum distribution of 6 to 8 supports per square meter is recommended, with joists placed at 400mm to 500mm centres.

Load capacity can be increased by using additional supports. When installing heavy, pre-built joist frameworks, take care not to overload any single point of support during initial levelling.

This can be avoided by using support wedges or jacks to reduce the weight at corners until the required distribution of supports are in place and adjusted.

Material	Polypropylene
Surface Composition	Fixing points / flanges for joist
Under Side Composition	Rubber base pad (included) clipped into cradle base
Side Composition	Handle thread for adjustment, no key required
Height Range	12-50mm – 20mm ext available
Dimensional Information	128mm Width, 64mm Height
Compression Resistance	16kN = 1.6T of point load pressure = 4T/m2 weight
Water Drainage	Integrated drainage channels on base pad

For more information please contact us.

## COMPONENT OVERVIEW



Cradle adjusted to lowest point.

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Cradle with joist affixed.

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20mm extender.

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Rubber base pad.

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Cradle with one 20mm extension.

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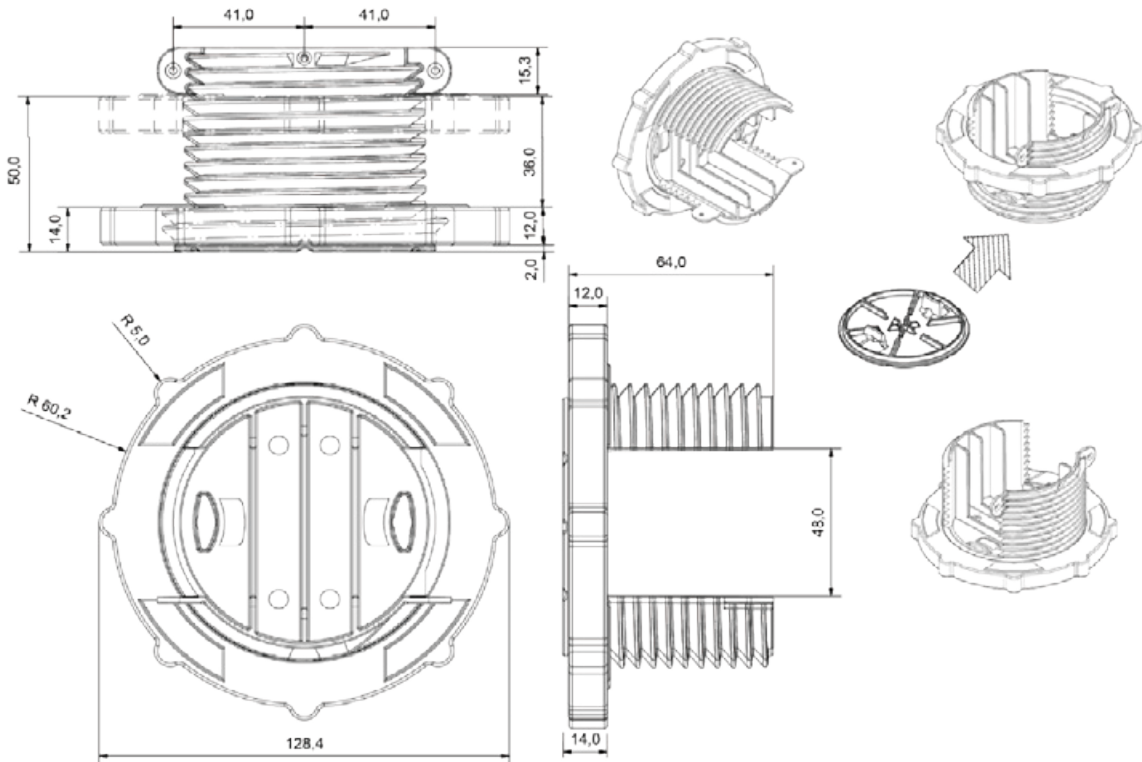
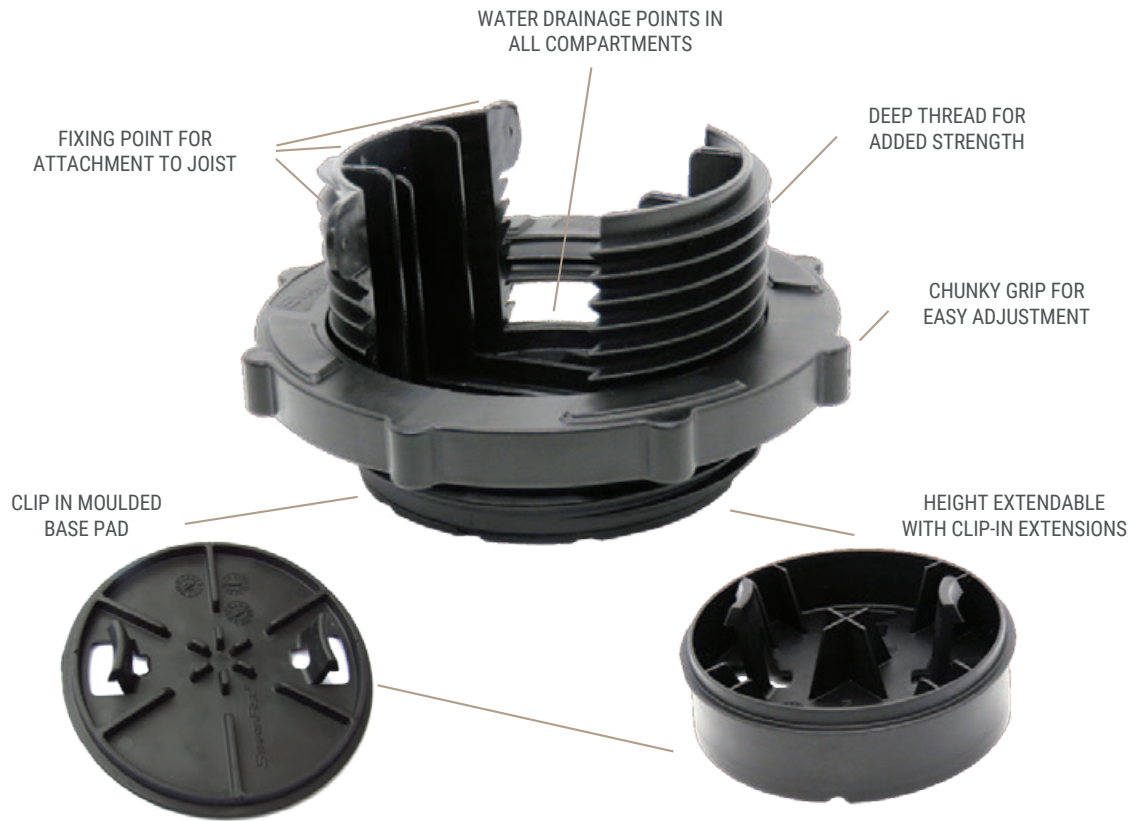
Cradle with two 20mm extensions.

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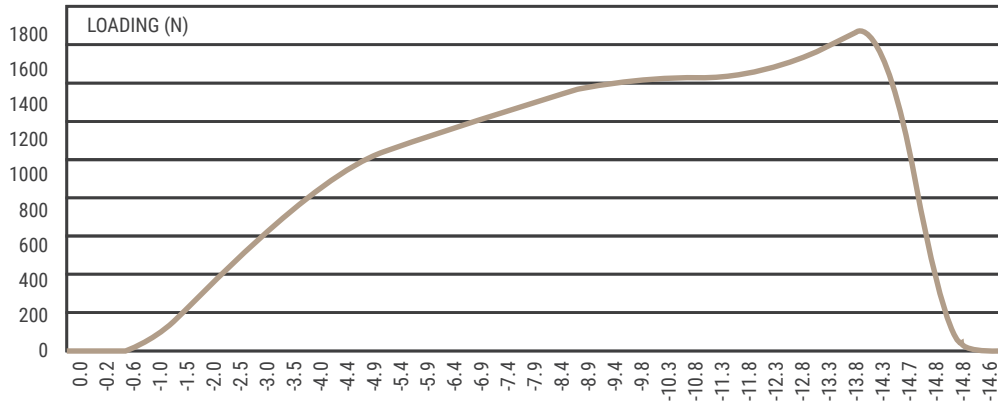
Cradle with three 20mm extensions.

# DETAIL INFORMATION

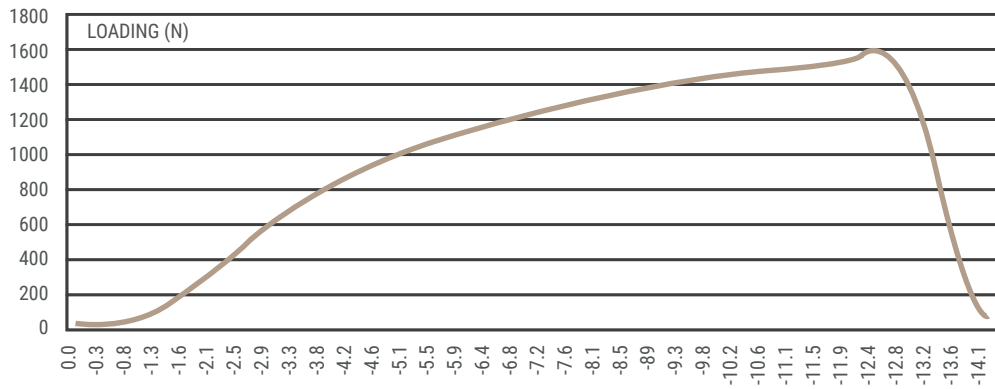


# LOAD TESTING INFORMATION

## PEDECK CRADLE1250 TEST 1



## PEDECK CRADLE1250 TEST 2



# PEDECK

## PED18-36

Each support is composed of a threaded head section, incorporating four spacer fins (4mm in width) for tile or paver spacing, or with a fixing flange with screw slot used for attaching the support to a wooden joist for flooring or deck construction.

The spacer fins for pavers are designed to allow easy removal where not required, for example where support is required under the centre of a large tile, or at edges. An easy to operate threaded adjustment ring makes raising or lowering the support head quick and precise.



Partly Recycled  
& Recyclable



Integrated  
Drainage



Fully Adjustable  
18mm to 27mm



Fast  
Installation



2 Year  
Guarantee\*

A large 200mm (8") base plate provides stable support on most surfaces.

An optional acoustic rubber base pad is available for use on membranes, etc. We recommend the use of our optional acoustic cushioning ring for tile and paver installations, as these help to bed corners securely and reduce transmitted noise through the support system.

All versions of the range are designed with water drainage holes or channels, as appropriate, to prevent the build-up of stagnant water.

Material	Polypropylene
Surface composition	4no x 4mm removable spacing tabs
Under Side Composition	Smooth underside with drainage channels. Base pad recommended
Side Composition	Handle thread for adjustment, no key required
Height Range	18-35mm – 9mm ext available
Dimensional Information	120mm diameter head / 200mm diameter base
Compression Resistance	14kN = 1.4T of point load pressure = 4T/m2 weight
Water Drainage	Integrated drainage channels on underside

For more information please contact us.

## AVAILABLE SYSTEM COMPONENTS



Description

Adjustable Head

Dimensions

120mm x 120mm x 10mm

Weight

0.050kg

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Description

Acoustic Shim

Dimensions

120mm x 120mm x 10mm

Weight

0.050kg

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Description

Slope Adjusters: 1, 3, 5°

Dimensions

120mm x 120mm x 3mm

Weight

0.013 – 0.033kg

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Description

9mm Spacer

Dimensions

115 x 115 x 15mm

Weight

0.025kg

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Description

Base Pad

Dimensions

200 x 200 x 3mm

Weight

0.100kg

# DETAIL INFORMATION

## Extendibility Examples



18mm

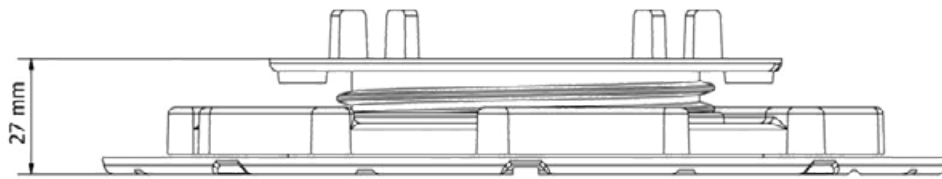
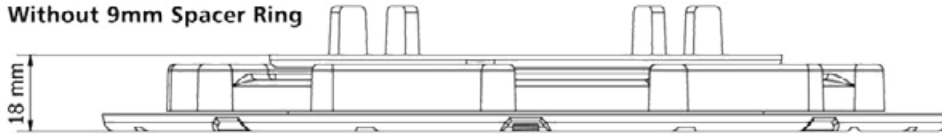


18mm to 27mm

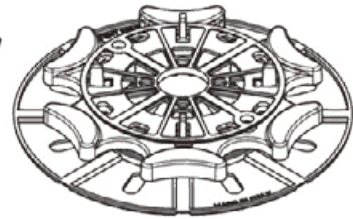
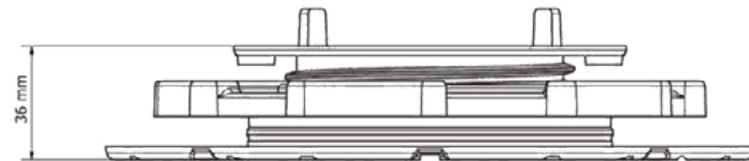
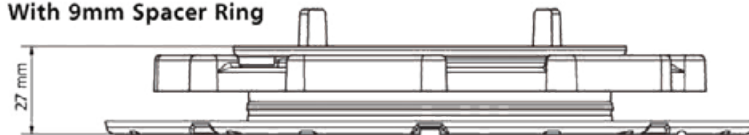


27mm to 36mm 1 x 9mm spacer

### Without 9mm Spacer Ring

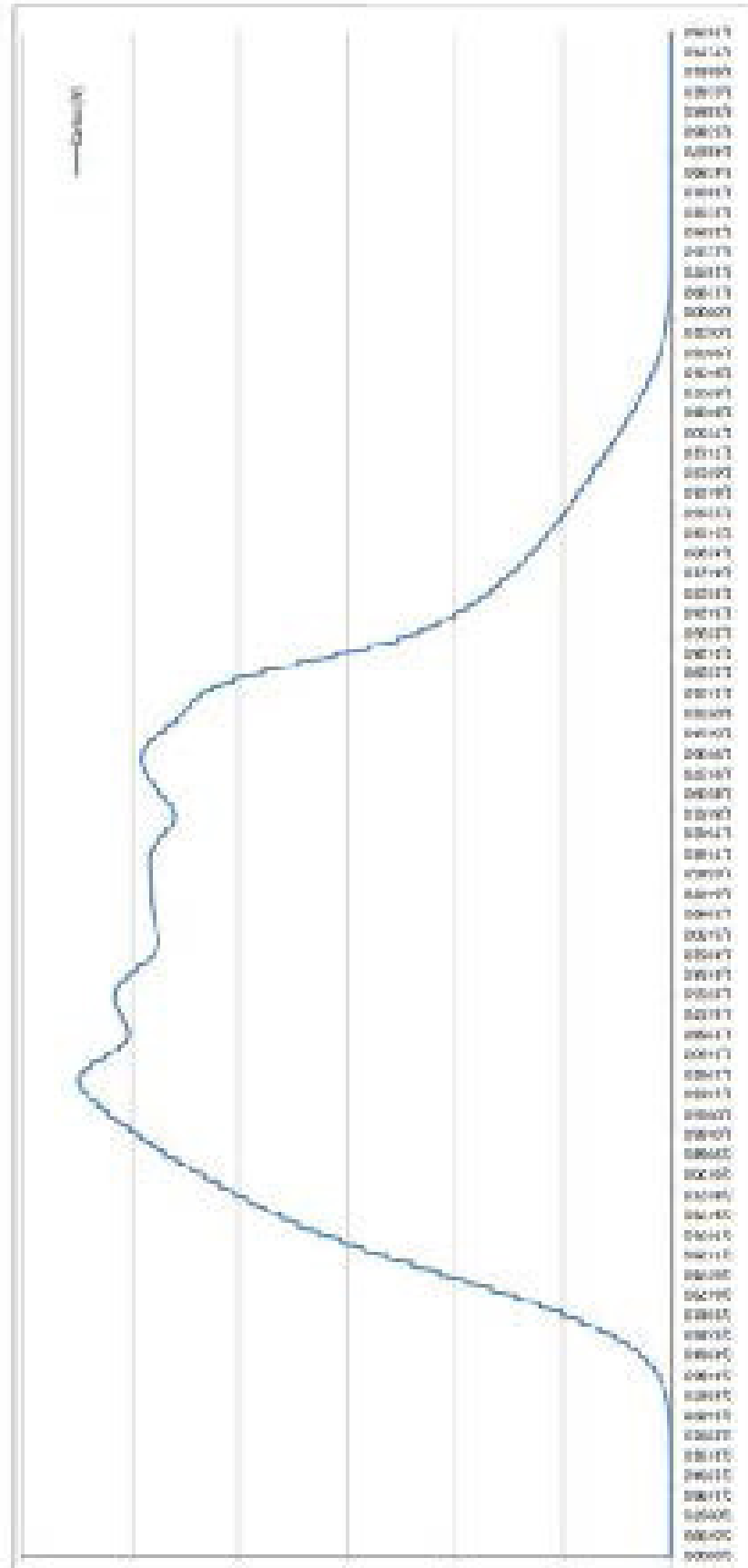


### With 9mm Spacer Ring



# LOAD TESTING INFORMATION

The product was tested with a 150mm 'punch' diameter:





# PEDECK

## PED35+

Each support is composed of a threaded head section, incorporating four spacer fins (4mm in width) for tile or paver spacing, or with a fixing flange with screw slot used for attaching the support to a wooden joist for flooring or deck construction.

The spacer fins for pavers are designed to allow easy removal where not required, for example where support is required under the centre of a large tile, or at edges.



Partly Recycled  
& Recyclable



Integrated  
Drainage



Fully Adjustable  
18mm to 1.5m



No Fixings Or  
Adhesive Required



2 Year  
Guarantee\*

An easy to operate threaded adjustment ring makes raising or lowering the support head quick and precise.

A large 200mm (8") base plate provides stable support on most surfaces. An optional acoustic rubber base pad is available for use on membranes, etc. We recommend the use of our optional acoustic cushioning ring for tile and paver installations, as these help to bed corners securely and reduce transmitted noise through the support system.

All versions of the range are designed with water drainage holes or channels, as appropriate, to prevent the build-up of stagnant water.

Material	Polypropylene
Surface composition	4no x 4mm removable spacing tabs
Under Side Composition	Smooth underside with drainage channels. Base pad recommended
Side Composition	Handle thread for adjustment, no key required
Height Range	35-60mm – 25mm, 50mm & 100mm ext available
Dimensional Information	120mm diameter head / 200mm diameter base
Compression Resistance	14kN = 1.4T of point load pressure = 4T/m2 weight
Water Drainage	Integrated drainage channels on underside

For more information please contact us.

## AVAILABLE SYSTEM COMPONENTS



Description	25mm Extension
Dimensions	48mm x 48mm x 25mm
Weight	0.044kg

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Description	50mm Extension
Dimensions	48mm x 48mm x 50mm
Weight	0.084kg

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Description	100mm Extension
Dimensions	48mm x 48mm x 100mm
Weight	0.167kg

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Description	Adjustable Head
Dimensions	120mm x 120mm x 10mm
Weight	0.050kg

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Description	Acoustic Shim
Dimensions	120mm x 120mm x 3mm
Weight	0.025kg

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Description	Slope Adjusters: 1, 3, 5°
Dimensions	120mm x 120mm x 3mm
Weight	0.013 – 0.033kg

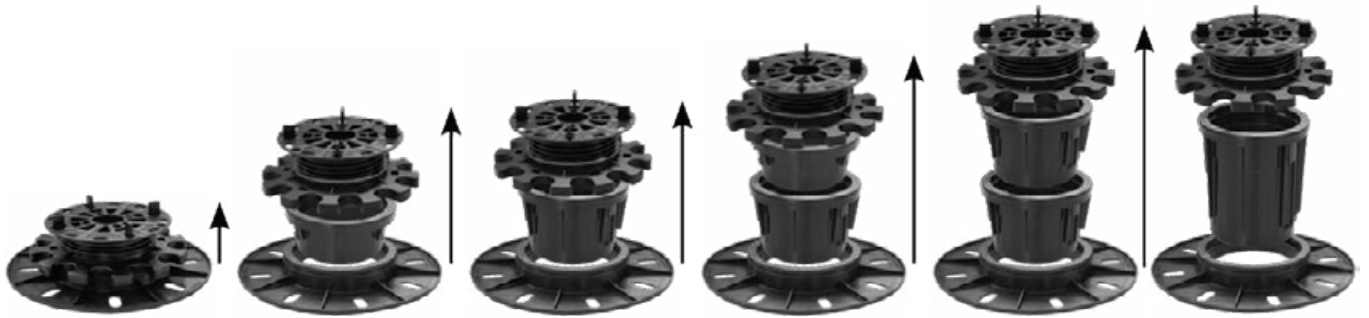
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Description	Base Pad
Dimensions	200mm x 200mm x 3mm
Weight	

# DETAIL INFORMATION

## Extendability Examples



35 to 60mm

60 to 85mm  
1 x 25mm extender

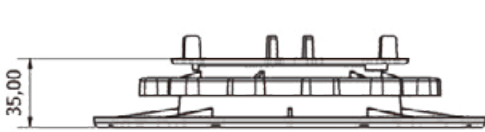
85 to 110mm  
1 x 50mm extender

110 to 135mm  
1 x 25mm extender

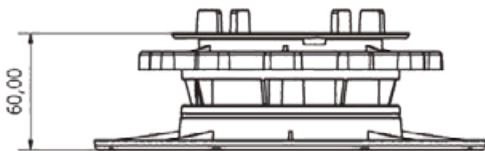
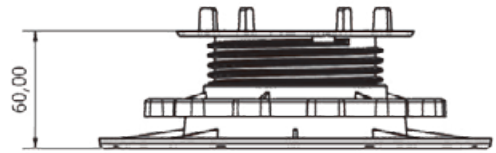
135 to 160mm  
2x 50mm extenders

135 to 60mm  
1 x 100mm extender

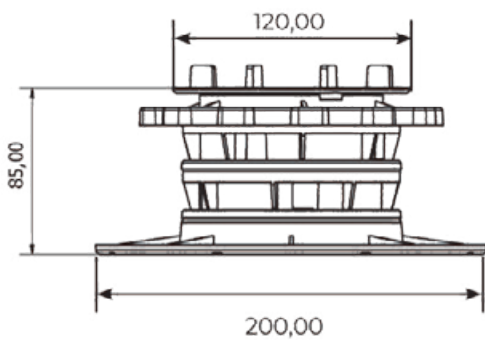
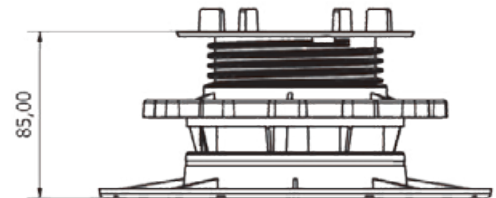
# LOAD TESTING INFORMATION



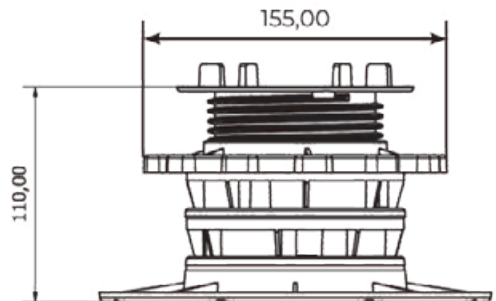
3560ML P-2  
3560ML P-4  
3560ML DF



3560ML P-2  
3560ML P-4  
3560ML DF  
with  
1 x EX25 Extension



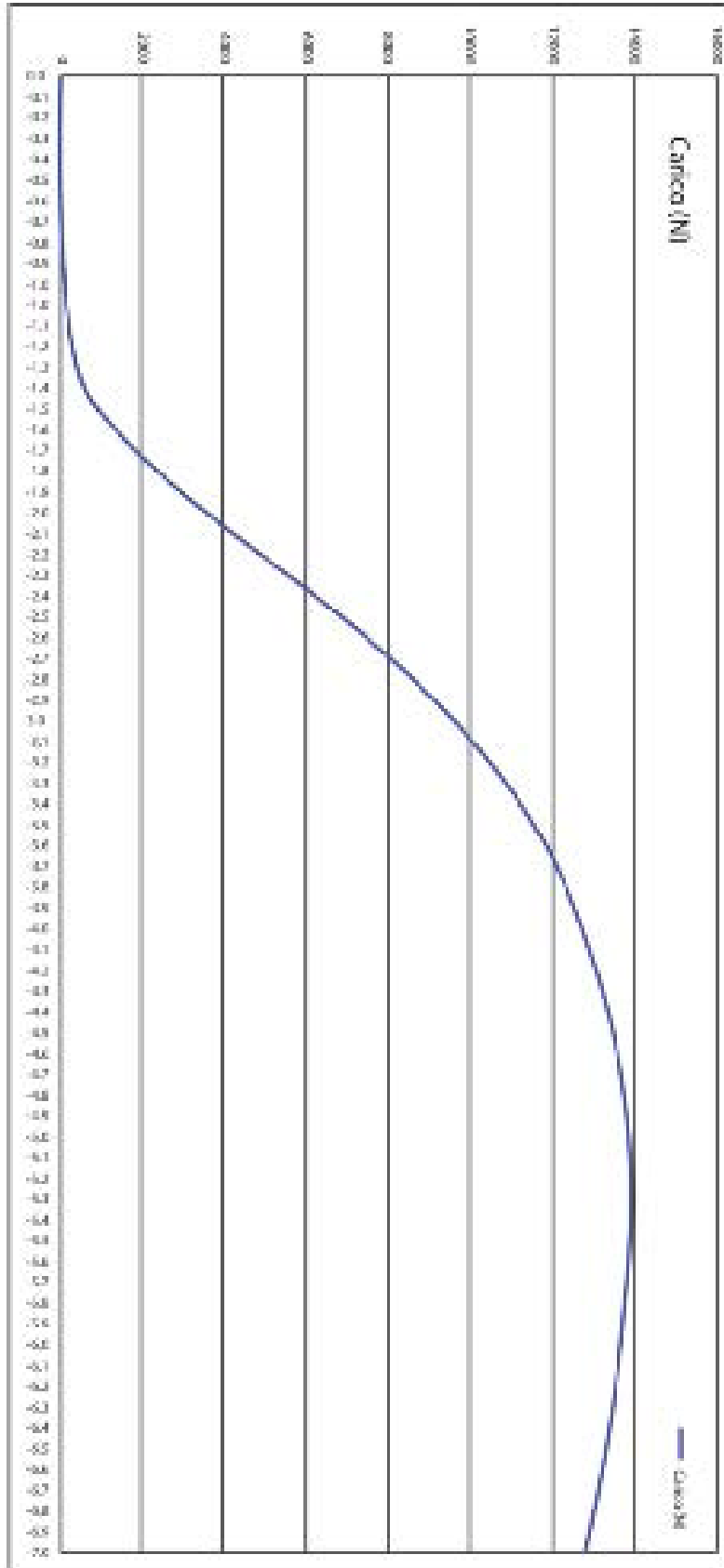
3560ML P-2  
3560ML P-4  
3560ML DF  
with 2 x EX25 or  
1 x EX50 Extension



Height ranges can be adjusted to 500mm or more, as required, by using combinations of QuickClick Extensions.

# LOAD TESTING INFORMATION

The product was tested with a 150mm 'punch' diameter:



# PEDECK

## PED14-FH

Moulded polypropylene Paver Support 14mm high with water channels in base and 14mm x 4mm wide ribs to allow perfect spacing of pavers or tiles. This product is weather-proof and suited for most types of pavers and slabs laid on grit or hard surfaces.

The base of the paver support has a smooth profile which minimises the possibility of damage when used on top of bituminous or other membranes. The base can be easily split into quadrants or halves for perimeters and corners.



Partly Recycled  
& Recyclable



Integrated  
Drainage



Stackable Units  
& Spacers



No Fixings Or  
Adhesive Required



2 Year  
Guarantee\*

The PED14-FH paver support is also designed to be stackable so, if larger adjustments are required than can be achieved using multiples of the 3mm spacer shim rings, you can simply stack additional 14mm base supports together to achieve 28mm or higher support levels as required.

Material	Polypropylene
Surface composition	4no x 4mm removable spacing tabs
Under Side Composition	Smooth with drainage channels. Base pad recommended
Side Composition	Smooth with drainage holes
Height Range	14mm upwards in increments of 3mm / 14mm
Dimensional Information	155mm diameter
Compression Resistance	14kN = 1.4T of point load pressure = 4T/m <sup>2</sup> weight
Water Drainage	Integrated drainage channels on underside

For more information please contact us.

# PEDECK

## PEDECK ALI DECKING SYSTEM

PEDECK Aluminium decking system is an A2 fire rated system for all types of roof, terrace and balcony type applications.

Comprising of steel pedestals in various heights with a superior subframe and non-slip deck system. Combined, it can withstand a load of up to 4KN.



All  
Aluminium



Heat  
Resistant



Durable  
Textured Finish



Low  
Maintenance



Recyclable



Stable in all  
Weather Conditions



A2-S1, D0 & A2fl-s1  
Fire Rated

Material	6063 56 Grade Aluminium (30% Recycled)
Surface Composition	Moonbay Qualicoat
Underside Composition	Aluminium Bearer / Pedestal Subframe
Fixture	Self-Tapping Screws to Pedestal and Decking
Height Range	26-490mm
Fire Rating	Euroclass A1/A2 / A2-S, D0 A2-FI-s1
Drainage	Integrated Drainage Channels
Pendulum Test Values (PTVs)	Low Slip Potential: Mean Average 35+
Recyclability	Fully Recyclable

For more information please contact us.