



EPD DOKUMENTERET

fremstillet på min

90%

genanvendt plast

STANDARD SERIEN

justerbare terrassefødder 30-420 mm



Atto
SUPPLY

STANDARD series

Where to use



Versatile and everlasting

Adjustable pedestal STANDARD Series is a versatile solution for raised outdoor terraces. It allows to adjust the height from 1 3/16 up to 16 1/2 inch (30 up to 420 mm). Smooth height regulation with a rotating screw nut allows to regulate the height even with the tiles on it. For fast height adjustment it can be used with a drill driver bit tool. STANDARD pedestals proved it's quality and usage on thousands of projects in every part of the world. There is a possibility to use with additional accessories.



Self leveling head

Automatically slope compensation from 0 to 7%



Most popular height range

Height adjustment range from 1 3/16 to 16 1/2 inch (from 30 to 420 mm)



High load resistance

Heavy loads pedestals



Screw nut height regulation

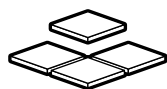
Adjust height easily



Versatility

Wide range of accessories

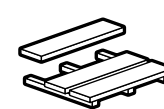
TILE TERRACE



Tiles on pedestals

Using a spacer disc creates joint between tiles. Choose between 1/8 and 3/16 inch (3 and 5 mm) spacers.

DECKING TERRACE



Joists on pedestals

Decking joists on the pedestals. Using joist adapter allows to screw them together. It is possible to use joist made of wood, WPC, aluminium.

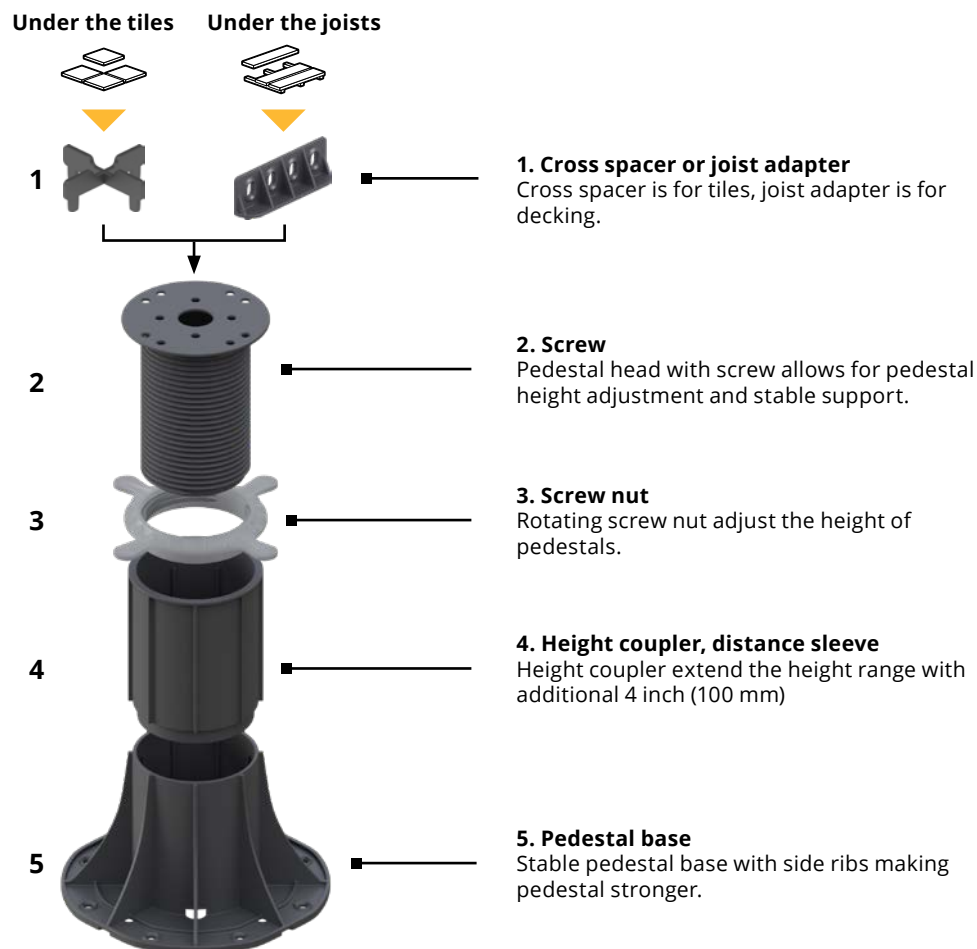
STANDARD series

Pedestal design



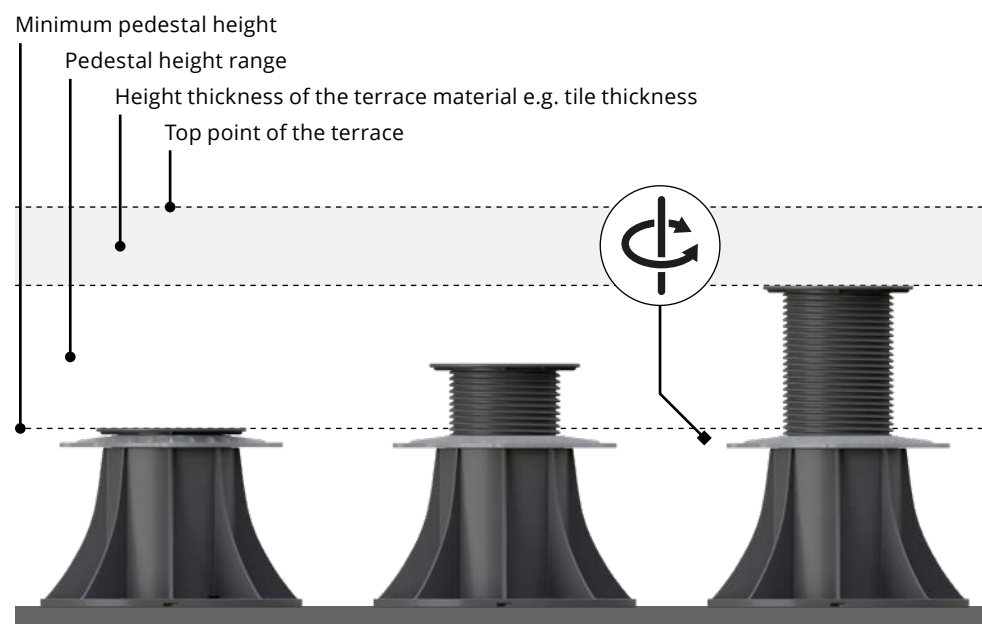
Pedestal construction

STANDARD pedestal has a modular design
Pedestal height can be extended with a 4 inch (100 mm) height couplers.

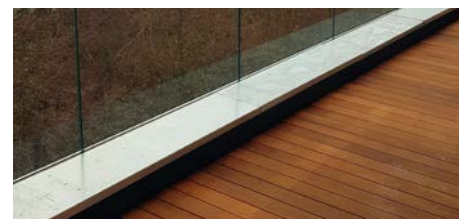


Smooth height adjustment

STANDARD pedestals allows for smooth height regulation with rotating screw nut.



Deck



Terrace tiles

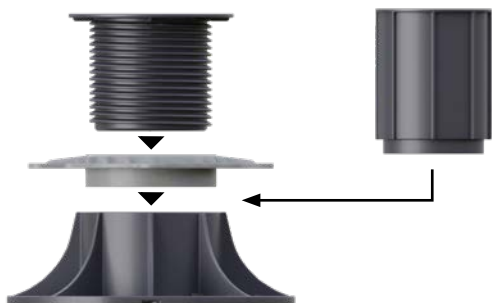


STANDARD series

Advantages



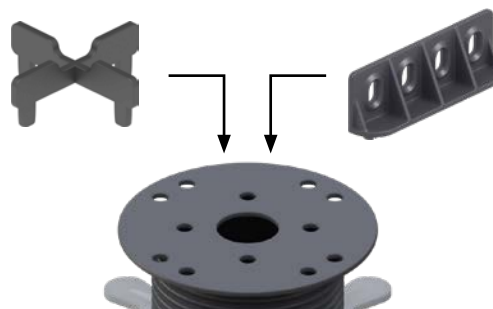
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Easy installation

STANDARD pedestals consists of three parts - base, screw nut and pedestal head with screw. On the pedestal head can be use both cross spacer for tiles and joist adapter for decking.

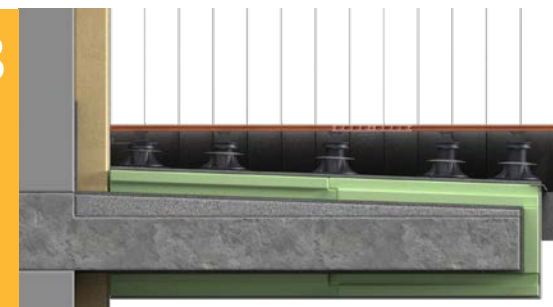
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For tiles and decking

Versatile pedestal head allows for using with cross spacer for tiles and joist adapter for decking.

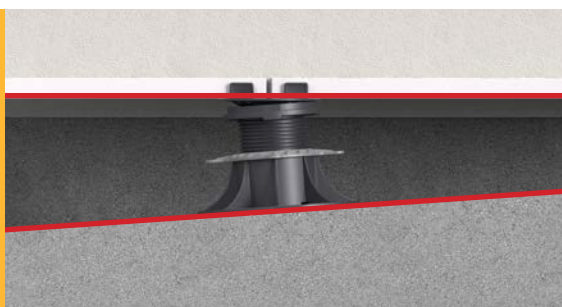
3



Terrace basis

STANDARD pedestals can be used on all types of basis even these with a water membrane protection or XPS. Our recommended minimum hardness for stable usage is 300 kPa.

4



For a sloped surfaces

STANDARD pedestals can be used on the areas with a radical slope. Using self leveling head allows to compensate slope up to 7%.

5



Solid support

Wide pedestal head and self leveling head gives a stable support for tiles and for decking.

6



High load capacity

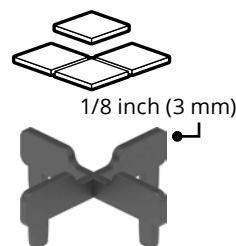
STANDARD pedestals has a high load capacity.

STANDARD series

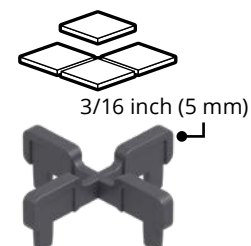
STANDARD pedestals



FOR TILES



Cross spacer K3
joint width 1/8 inch (3 mm)



Cross spacer K5
joint width 3/16 inch (5 mm)

FOR DECKING JOISTS



Joist adapter
for wood, composite,
aluminium bars.

STANDARD Series - height range from 30 to 420 mm

500 mm

400 mm

300 mm

200 mm

100 mm

↑
STANDARD
30-45 mm

↑
STANDARD
45-70 mm

↑
STANDARD
70-120 mm

↑
STANDARD
120-220 mm

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STANDARD
220-320 mm

↑
STANDARD
320-420 mm

STANDARD series

STANDARD pedestals



STANDARD pedestal 030-045

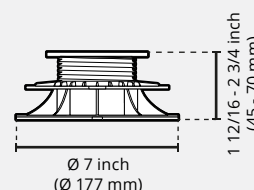
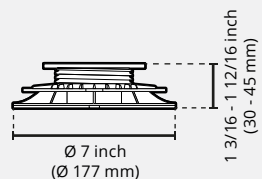


STANDARD pedestal 045-070



Name	STANDARD pedestal 030-045
Application	<ul style="list-style-type: none"> terrace with tiles terrace with decking
Short name	STANDARD 030-045
Code	For tiles <ul style="list-style-type: none"> spacer 1/8 inch (3 mm): 10746 spacer 3/16 inch (5 mm): 104201 For decking <ul style="list-style-type: none"> joist L adapter: 10023
Pedestal height range	1 3/16 - 1 12/16 inch (30 - 45 mm)
Height adjustment	smooth
Pedestal dimensions	7 × 7 × (1 3/16 - 1 12/16) inch (177 × 177 × (30 - 45) mm)
Pedestal load capacity	1100 kg
Material	plastic
Colour	black with grey screw nut
Where to use	<ul style="list-style-type: none"> external decking interior raised floors
Subsurface	<ul style="list-style-type: none"> hard subsurface sensitive subsurface sloped surface
Included	<ul style="list-style-type: none"> tile cross spacer (1/8 or 3/16 inch (3 or 5 mm)) or joist L adapter STANDARD pedestal 030-045

Name	STANDARD pedestal 045-070
Application	<ul style="list-style-type: none"> terrace with tiles terrace with decking
Short name	STANDARD 045-070
Code	For tiles <ul style="list-style-type: none"> spacer 1/8 inch (3 mm): 10747 spacer 3/16 inch (5 mm): 104202 For decking <ul style="list-style-type: none"> joist L adapter: 10027
Pedestal height range	1 12/16 - 2 3/4 inch (45 - 70 mm)
Height adjustment	smooth
Pedestal dimensions	7 × 7 × (1 12/16 - 2 3/4) inch (177 × 177 × (45 - 70) mm)
Pedestal load capacity	1100 kg
Material	plastic
Colour	black with grey screw nut
Where to use	<ul style="list-style-type: none"> external decking interior raised floors
Subsurface	<ul style="list-style-type: none"> hard subsurface sensitive subsurface sloped surface
Included	<ul style="list-style-type: none"> tile cross spacer (1/8 or 3/16 inch (3 or 5 mm)) or joist L adapter STANDARD pedestal 045-070



STANDARD series

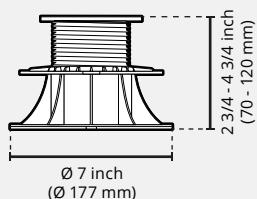
STANDARD pedestals



STANDARD pedestal 070-120



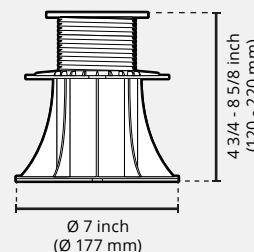
Name	STANDARD pedestal 070-120
Application	<ul style="list-style-type: none"> terrace with tiles terrace with decking
Short name	STANDARD 070-120
Code	For tiles <ul style="list-style-type: none"> spacer 1/8 inch (3 mm): 10748 spacer 3/16 inch (5 mm): 104203 For decking <ul style="list-style-type: none"> joist L adapter: 10031
Pedestal height range	2 3/4 - 4 3/4 inch (70 - 120 mm)
Height adjustment	smooth
Pedestal dimensions	7 × 7 × (2 3/4 - 4 3/4) inch (177 × 177 × (70 - 120) mm)
Pedestal load capacity	1100 kg
Material	plastic
Colour	black with grey screw nut
Where to use	<ul style="list-style-type: none"> external decking interior raised floors
Subsurface	<ul style="list-style-type: none"> hard subsurface sensitive subsurface sloped surface
Included	<ul style="list-style-type: none"> tile cross spacer (1/8 or 3/16 inch (3 or 5 mm)) or joist L adapter STANDARD pedestal 070-120



STANDARD pedestal 120-220



Name	STANDARD pedestal 120-220
Application	<ul style="list-style-type: none"> terrace with tiles terrace with decking
Short name	STANDARD 120-220
Code	For tiles <ul style="list-style-type: none"> spacer 1/8 inch (3 mm): 10749 spacer 3/16 inch (5 mm): 104204 For decking <ul style="list-style-type: none"> joist L adapter: 10035
Pedestal height range	4 3/4 - 8 5/8 inch (120 - 220 mm)
Height adjustment	smooth
Pedestal dimensions	7 × 7 × (4 3/4 - 8 5/8) inch (177 × 177 × (120 - 220) mm)
Pedestal load capacity	1100 kg
Material	plastic
Colour	black with grey screw nut
Where to use	<ul style="list-style-type: none"> external decking interior raised floors
Subsurface	<ul style="list-style-type: none"> hard subsurface sensitive subsurface sloped surface
Included	<ul style="list-style-type: none"> tile cross spacer (1/8 or 3/16 inch (3 or 5 mm)) or joist L adapter STANDARD pedestal 120-220



STANDARD series

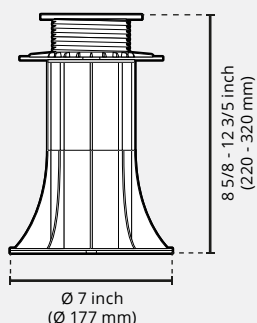
STANDARD pedestals



STANDARD pedestal 220-320



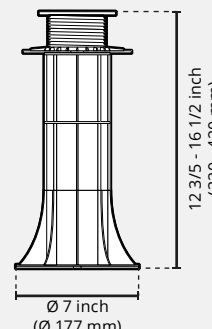
Name	STANDARD pedestal 220-320
Application	<ul style="list-style-type: none"> terrace with tiles terrace with decking
Short name	STANDARD 220-320
Code	For tiles <ul style="list-style-type: none"> spacer 1/8 inch (3 mm): 10749 + 10038 spacer 3/16 inch (5 mm): 104204 + 10038 For decking <ul style="list-style-type: none"> joist L adapter: 10035 + 10038
Pedestal height range	8 5/8 - 12 3/5 inch (220 - 320 mm)
Height adjustment	smooth
Pedestal dimensions	7 × 7 × (8 5/8 - 12 3/5) inch (177 × 177 × (220 - 320) mm)
Pedestal load capacity	1100 kg
Material	plastic
Colour	black with grey screw nut
Where to use	<ul style="list-style-type: none"> external decking interior raised floors
Subsurface	<ul style="list-style-type: none"> hard subsurface sensitive subsurface sloped surface
Included	<ul style="list-style-type: none"> tile cross spacer (1/8 or 3/16 inch (3 or 5 mm)) or joist L adapter STANDARD pedestal 120-220 height coupler DS100



STANDARD pedestal 320-420



Name	STANDARD pedestal 320-420
Application	<ul style="list-style-type: none"> terrace with tiles terrace with decking
Short name	STANDARD 320-420
Code	For tiles <ul style="list-style-type: none"> spacer 1/8 inch (3 mm): 10749 + 2× 10038 spacer 3/16 inch (5 mm): 104204 + 2× 10038 For decking <ul style="list-style-type: none"> joist L adapter: 10035 + 2× 10038
Pedestal height range	12 3/5 - 16 1/2 inch (320 - 420 mm)
Height adjustment	smooth
Pedestal dimensions	7 × 7 × (12 3/5 - 16 1/2) inch (177 × 177 × (320 - 420) mm)
Pedestal load capacity	1100 kg
Material	plastic
Colour	black with grey screw nut
Where to use	<ul style="list-style-type: none"> external decking interior raised floors
Subsurface	<ul style="list-style-type: none"> hard subsurface sensitive subsurface sloped surface
Included	<ul style="list-style-type: none"> tile cross spacer (1/8 or 3/16 inch (3 or 5 mm)) or joist L adapter STANDARD pedestal 120-220 height coupler DS100 (2 pcs.)



STANDARD series

STANDARD Series **accessories**



Image	Name	Where to use	Short name	Code	Dimensions a - length b - width h - height	Example of application
	Cross spacer 1/8 inch (3 mm)	Use to create a standard grid gap between tiles with 1/8 inch (3 mm) width.	K3	10800	a - 2 1/3 inch (60 mm) b - 2 1/3 inch (60 mm) h - 17/36 inch (12 mm)	
	Cross spacer 3/16 inch (5 mm)	Use to create a standard grid gap between tiles with 3/16 inch (5 mm) width.	K5	10801	a - 2 1/3 inch (60 mm) b - 2 1/3 inch (60 mm) h - 17/36 inch (12 mm)	
	Joist adapter	Helps to fix decking joist to the pedestal.	AD	10000	a - 3 1/3 inch (85 mm) b - 3/5 inch (15 mm) h - 1 1/9 inch (28 mm)	
	Gap spacer 1/8 inch (3 mm)	Individual gap spacers are used to helps to create non grid joints between tiles e.g. along the walls.	L3	10167	a - 1 inch (26 mm) b - 1/8 inch (3 mm) h - 3/7 inch (11 mm)	
	Gap spacer 3/16 inch (5 mm)	Individual gap spacers are used to helps to create non grid joints between tiles e.g. along the walls.	L5	10168	a - 5/8 inch (16 mm) b - 3/16 inch (5 mm) h - 3/5 inch (15 mm)	

STANDARD series

STANDARD Series **accessories**



Image	Name	Where to use	Short name	Code	Dimensions a - length b - width h - height	Example of application
	Rubber shim SH100 1/16 inch (1,5 mm)	Noise cancellation and tile thickness compensation. Gives additional height of 1/16 inch (1,5 mm).	SH100	10399	a - 4 inch (100 mm) b - 4 inch (100 mm) h - 1/16 inch (1,5 mm)	
	Self leveling head LE 0-7% 5/8 inch (16 mm) height	Self leveling of the terrace with a slope range from 0% to 7%. Gives additional height of 5/8 inch (16 mm).	LE	10170	a - 4 1/3 inch (110 mm) b - 4 1/3 inch (110 mm) h - 5/8 inch (16 mm)	
	Up to wall clip	Use to create a gap between perimeter tile and wall. Prevent tiles displacement and makes a spare space for tiles thermal expansion. Gives additional height of 3/32 inch (2,5 mm).	DDPWAP	104368	a - 7 4/9 inch (189 mm) b - 4 inch (100 mm) h - 3/32 inch (2,5 mm)	
	Edge clip upper	Use to make vertical closure of the gap under the tiles.	DDPEDU	10040	a - 6 inch (152 mm) b - 4 inch (100 mm) h - 1/64 inch (0,7 mm)	
	Edge clip lower	Use to make vertical closure of the gap under the tiles.	DDPEDL	10039	a - 1 15/16 inch (50 mm) b - 2 15/16 inch (75 mm) h - 1/64 inch (0,7 mm)	

STANDARD series

STANDARD Series **accessories**



Image	Name	Where to use	Short name	Code	Dimensions a - length b - width h - height	Example of application
	Side finishing closure plate	It is used to make vertical masking of the ventilated terrace. Two pieces increase the height of the bracket by 7 mm.	DDP CP	103741	a - 10 1/8 inch (257 mm) b - 10 1/8 inch (257 mm) h - 1/8 inch (3,5 mm)	
	Height coupler 4 inch (100 mm)	Height coupler allows to extend pedestal height with additional 4 inch (100 mm).	DS100	10038	a - 3 2/3 inch (93 mm) b - 3 2/3 inch (93 mm) h - 4 inch (100 mm)	
	SBR rubber pad SBR200, 1/8 inch (3 mm)	Placed under the pedestal gives additional protection of the water membrane. Also gives additional noise cancellation. Gives additional height of 1/8 inch (3 mm).	SBR 200/3	102557	a - 7 7/8 inch (200 mm) b - 7 7/8 inch (200 mm) h - 1/8 inch (3 mm)	
	SBR rubber pad SBR200, 5/16 inch (8 mm)	Placed under the pedestal gives additional protection of the water membrane. Also gives additional noise cancellation. Gives additional height of 5/16 inch (8 mm).	SBR 200/8	102559	a - 7 7/8 inch (200 mm) b - 7 7/8 inch (200 mm) h - 5/16 inch (8 mm)	
	Drill driver bit tool	Helps with fast height adjustment of the pedestals. To use drill driver is needed.	-	107471	a - 2 4/9 inch (62 mm) b - 2 4/9 inch (62 mm) h - 2 1/4 inch (57 mm)	

STANDARD series

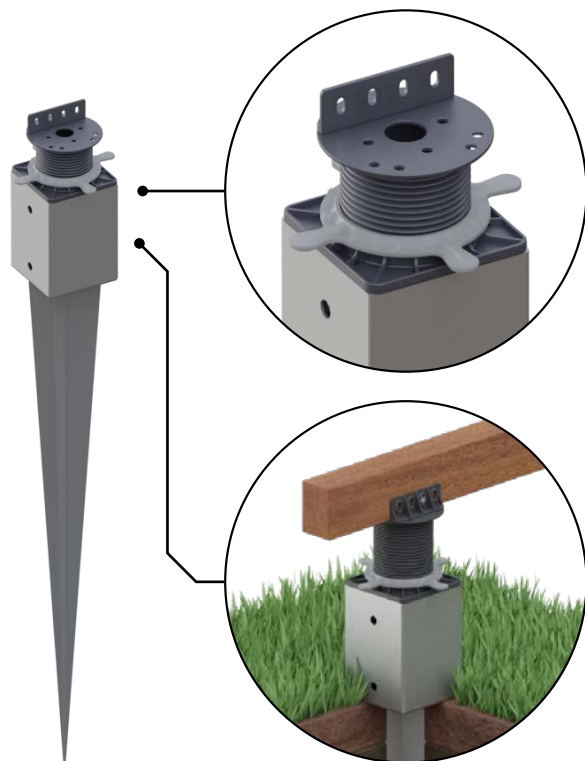
Joist supports for **anchor foundation**



On the soil terraces

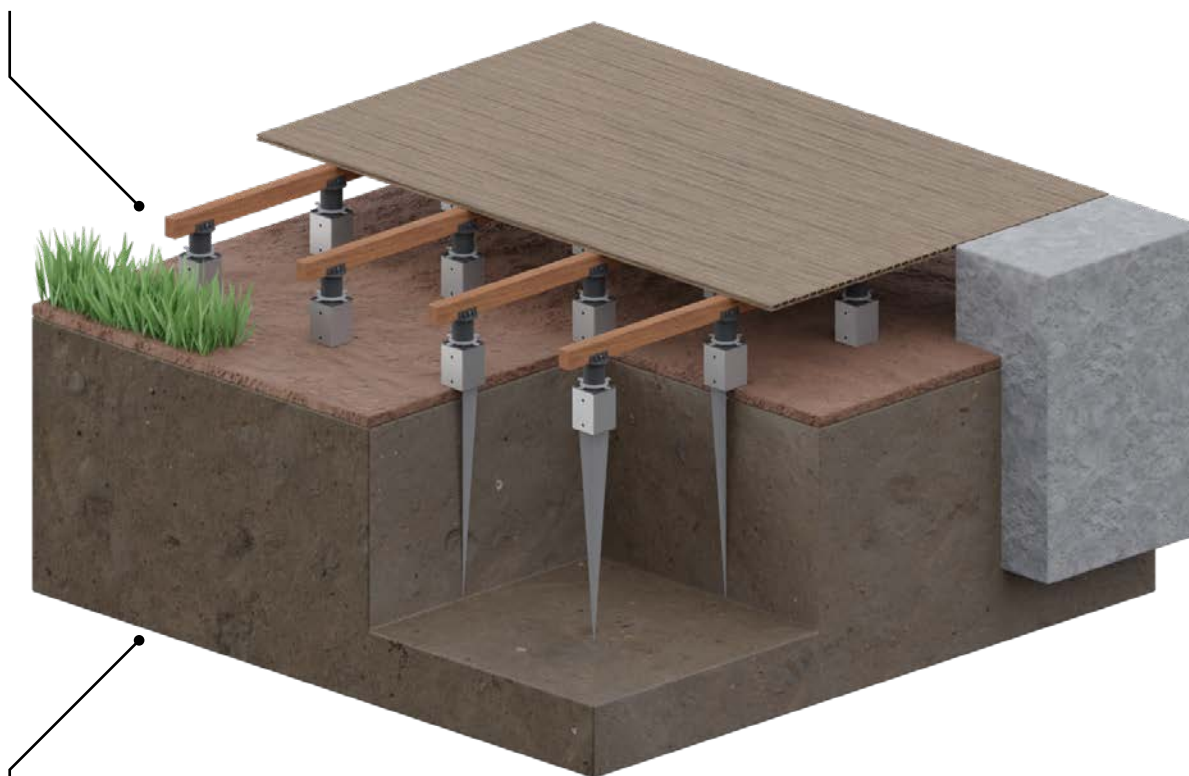
Adjustable joist supports for anchor foundation is a stable and everlasting support for decking joists. Terraces supported on them are resistant for rotting due to that joist is not lay on the soil directly.

With a smooth height adjustment it is possible to make terrace on any desired height. Using adjustable height supports on the anchor foundation reduce costs of making a full concrete bed under the terrace. Additional advantage is that it keeps water drainage.



Environment friendly solution

Terraces supported with adjustable height anchor foundation unlike traditional concrete bed terraces allows for water drainage and do not interfere surroundings rainwater flow.



Subsurface

Adjustable height joist supports mounted on anchor foundation are allowed to be use directly to soil.



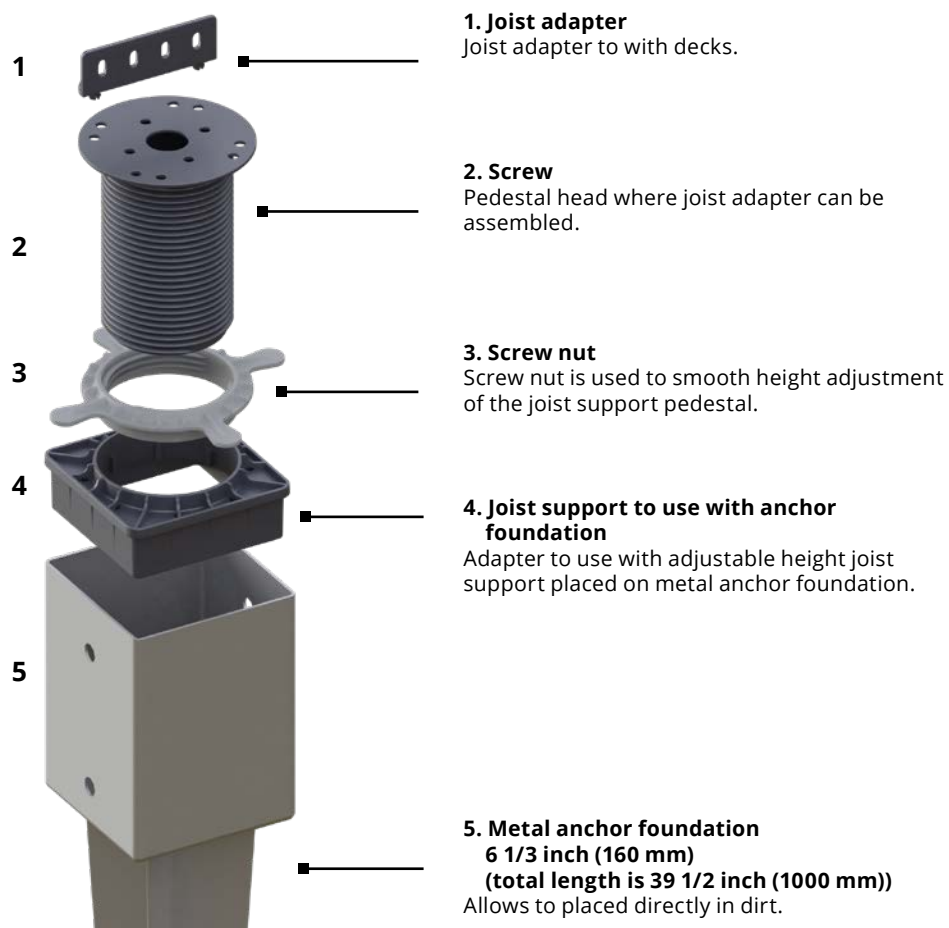
STANDARD series

Joist supports for **anchor foundation**



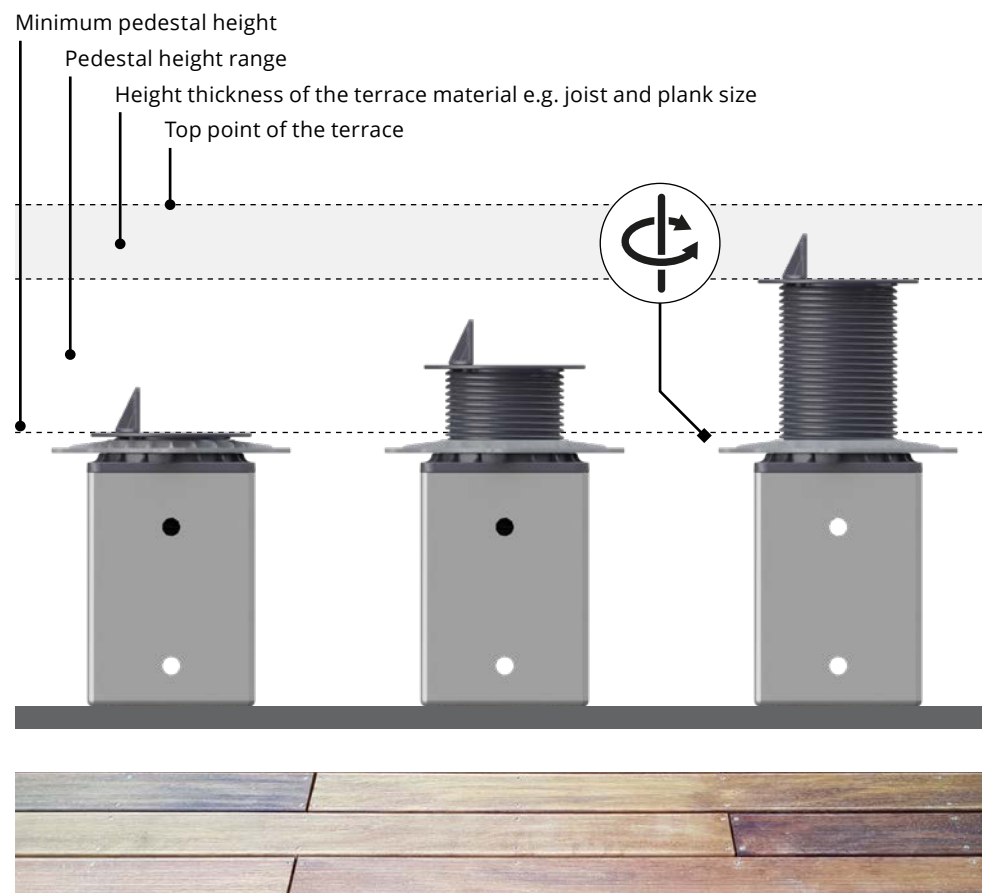
Pedestal construction

Adjustable height joist support placed in anchor foundation provide stable connection.



Smooth height adjustment

Adjustable height joist support for anchor foundation 1 inch (25 mm) (height adjustment 4 inch (100 mm)) allows for a smooth height adjustment with a rotating screw nut.



STANDARD series

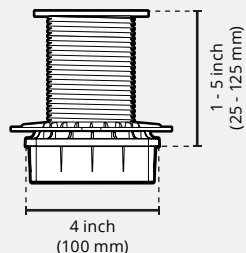
Joist supports for **anchor foundation**



Adjustable deck joist support for anchor foundation with height adjustment 4 inch (100 mm)



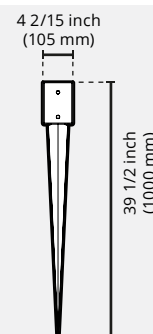
Name	Adjustable deck joist support for anchor foundation with height adjustment 4 inch (100 mm)
Application	• terrace with decking
Short name	DDPRPL
Code	102356
Pedestal height range	0 - 4 inch (0 - 100 mm)
Height adjustment	smooth
Pedestal dimensions	4 × 4 × (1 - 5) inch (100 × 100 × (25 - 125) mm)
Pedestal load capacity	1100 kg
Material	plastic
Colour	black with grey screw nut
Where to use	• exterior decking on groundfloor
Subsurface	• hard soil
Included	• adapter • adjustable deck joist support 4 inch (100 mm) for anchor foundation



Metal anchor foundation 160 mm (total length 1000 mm)



Name	Metal anchor foundation 6 1/3 inch (160 mm) (total length 39 1/2 inch (1000 mm))
Application	• terrace with decking
Short name	DDPMFW
Code	102355
Height above the ground	6 1/3 inch (160 mm)
Dimensions	4 2/15 × 4 2/15 × 39 1/2 inch (105 × 105 × 1000 mm)
Material	steel
Colour	silver
Where to use	• exterior decking on groundfloor
Subsurface	• hard soil
Included	• metal anchor foundation



ACCESSORIES

Atto SUPPLY

FOR PEDESTALS

Additional elements that increase the **functionality** of the pedestals



Accessories for pedestals

Side finishing closure plate

FITS THE SPIRAL, STANDARD AND MAX SERIES

Masking the vertical edge of the raised terrace

The universal side finishing closure plate is used to finish a pedestals raised terrace in places where insight into the internal terrace structure, e.g. external terrace or stairs, is undesirable. It allows the installation of properly prepared plates on the sides of the terrace and protects the final upper plates. With a universal side finishing closure plate, you can use 3/4-1 inch (20-25 mm) thick boards when connecting to the hooks or any thickness when connecting to glue. Increases the height of the bracket by 3/11 inch (7 mm).



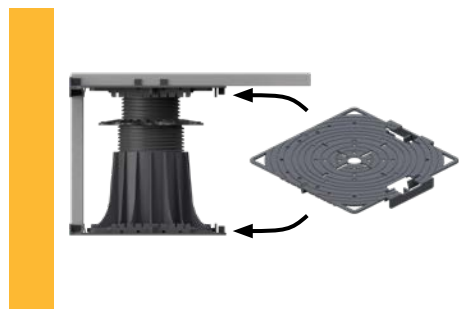
Aesthetic finish

The universal side finishing plate allows the aesthetic finish of both the sides and corners of the pedestals raised terrace while maintaining the 1/8 inch (3 mm) wide expansion gaps.



Easy installation

The universal side finishing closure plate gives the possibility of installing the vertical closure in two ways. For hooks (durable and durable solution) or with glue (without visible elements).

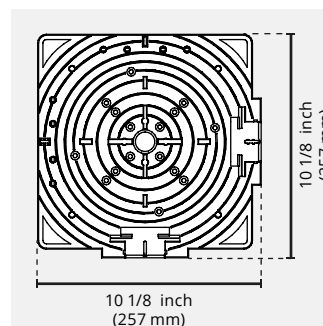
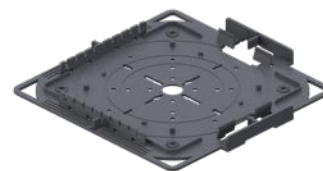


Well designed

The design of side finishing plate allows it to be used both on the top and under the pedestals. It is compatible with the Spiral, Standard and Max series.



Side finishing closure plate



Name	Side finishing closure plate
Application	• terrace with tiles
Short name	DDP CP
Code	103741
Compatible series	• SPIRAL • STANDARD • MAX
Connection method	for glue or hooks
Height	1/8 inch (3,5 mm)
Material	plastic
Colour	black
Where to use	• raised outdoor pedestal flooring • terraces with stairs • terraces with a stairs
Included	• side finishing closure plate • clip • plug



Accessories for pedestals

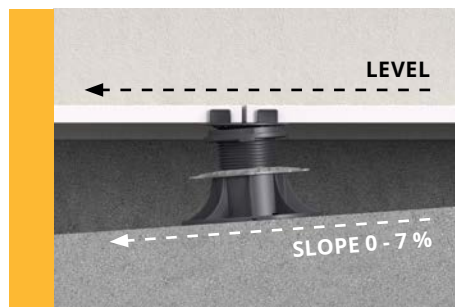
Self leveling head



Equally leveled terrace surface on a sloped area

The self -leveling head is used to make terrace terrace structures equally leveled on the area with a slope. It is possible to use it both for plates and for joists.

The self -leveling head is available in two versions - LE for the Standard and LE Max series for the Spiral and Max series. Self leveling head increase the height of the bracket by 5/8 inch (16 mm) (LE MAX 3/4" (20 mm)).



Basis layer with a slope

The self -leveling head allows to make an equally leveled terrace on the substrates with a slope of up to 7% (LE MAX 6%) slope.



Self leveling head



Name	Self leveling head LE	Self leveling head LE MAX
Application	• terrace with tiles	• terrace with tiles
Short name	LE	LE MAX
Code	10170	10680
Compatible series	• STANDARD	• SPIRAL • MAX
Reduction of inclination	0 - 7%	0 - 6%
Height	5/8 inch (16 mm)	3/4 inch (20 mm)
Diameter	Ø 4 1/3 inch (110 mm)	Ø 6 1/5 inch (157 mm)
Connection method	hooks	hooks
Holes	• holes for gap spacers 1/8 and 5/16 inch (3 and 5 mm)	• in built gap spacers 1/8 inch (3 mm) • holes for gap spacers 5/16 inch (5 mm)
Material	plastic	plastic
Colour	black	black
Where to use	• terrace on the sloped area	• terrace on the sloped area
Included	• self leveling head LE	• self leveling head LE MAX



Easy installation

The LE and LE Max self -leveling head is applied to the pedestal head. The hooks keep it firmly on the pedestal head.



Self -leveling

The use of the head causes self -leveling of the tiles under their own weight - no manual adjustment is required.