



EPD DOKUMENTERET

fremstillet på min.

90%

genanvendt plast

SPRIAL SERIEN

justerbare terrassefødder 10-250 mm



Atto
SUPPLY

SPIRAL series

Where to use

Versatile solution for terraces

SPIRAL Series allows to regulate the height of the terrace in a range from 6/16 to 8 1/3 inch (from 10 to 210 mm). SPIRAL Series has a big load capacity. It is easy to adjust height of each 1/32 inch (1 mm). SPIRAL Series is great to adjust low height levels beginning from 6/16 inch (10 mm). There are plenty of additional compatible accessories.



Low height

Adjustment range from 6/16 inch (10 mm)



Load capacity

Pedestals are resistant for high loads



Height adjustment

Step height adjustment every 1/32 inch (1 mm)



Simple to use

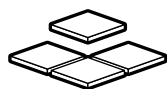
Very simple and quick to use



Self-leveling head

Automatically corrects the slope of the substrate by 0-6%

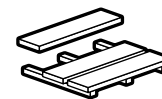
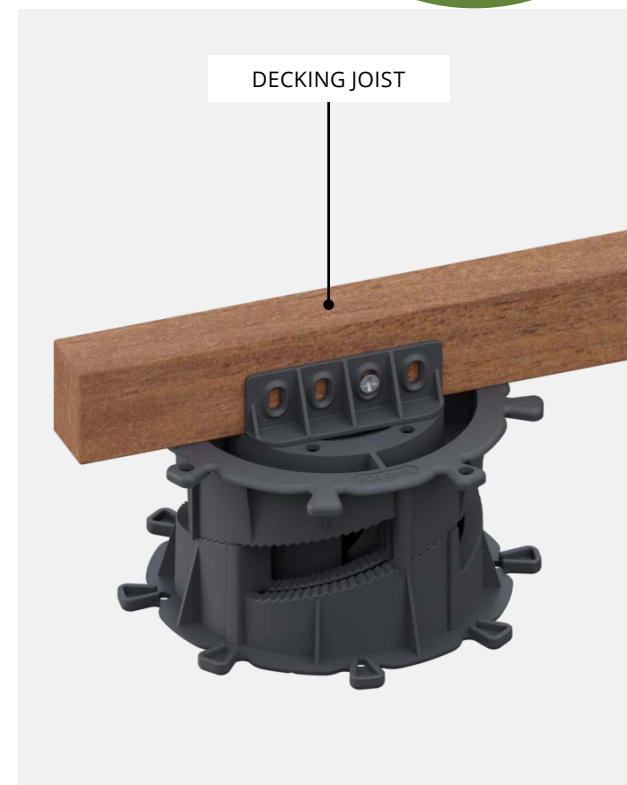
TILE DECKING



Tiles on the pedestals

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

DECKS



Decking joists on the pedestals

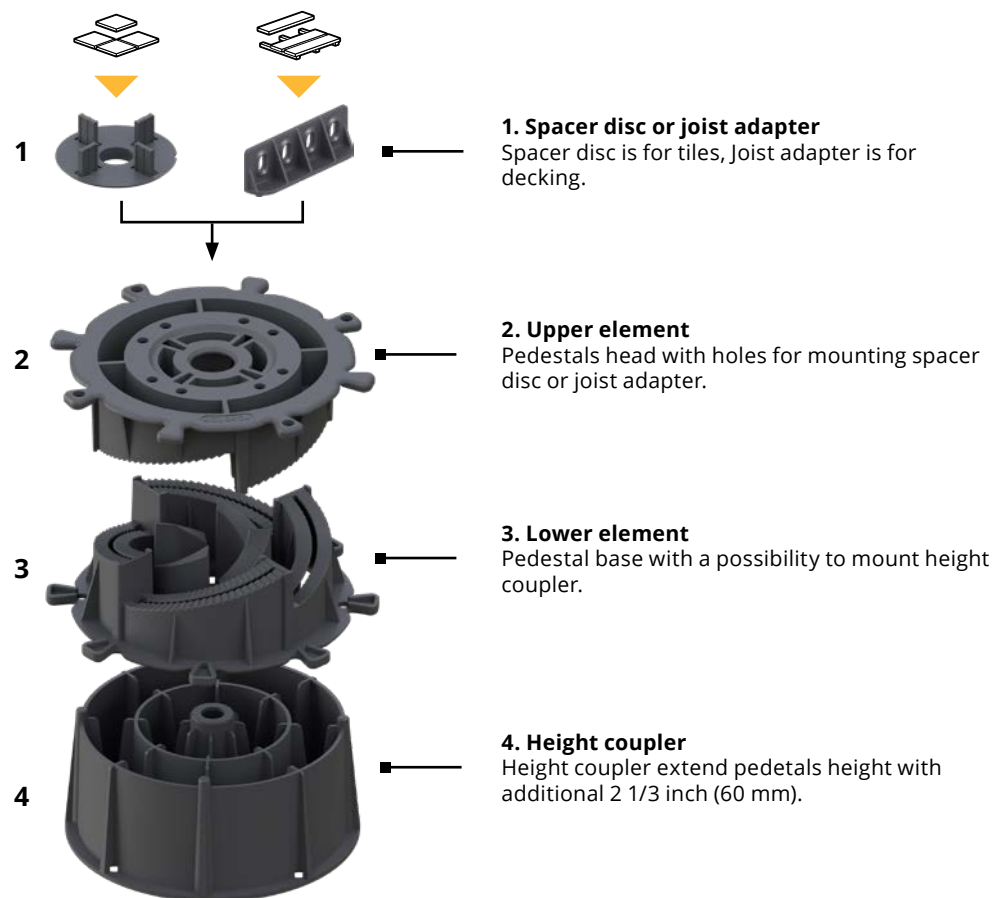
Using joist adapter allows to screw them together. It is possible to use joist made of wood, WPC, aluminium.

Pedestal construction

SPIRAL Series pedestal has a modular design.
Using height couplers helps reaching heights more than 3 1/2 inch (90 mm).

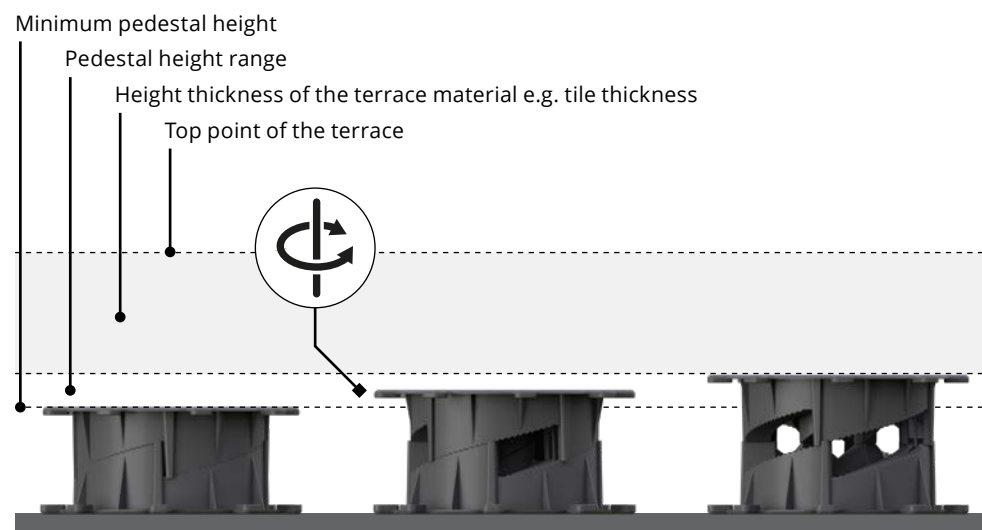
Under the tiles

Under the joists



Pedestal height adjustment

SPIRAL pedestals have a step height regulation. Each step is a 1/32 inch (1 mm) height. Adjustment is done by rotating upper or lower part.



Terrace tiles



Deck

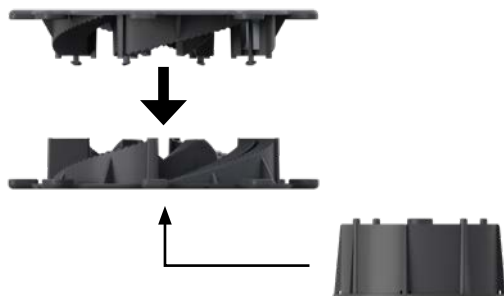


SPIRAL series

Advantages



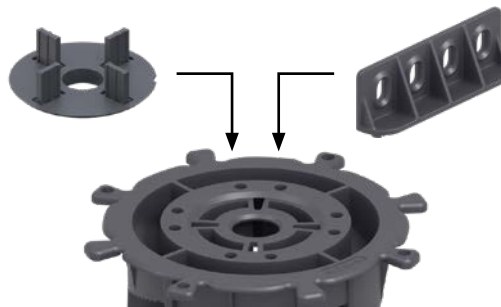
1



Easy installation

SPIRAL pedestals consists just of two parts and spacer disc. That is why it's very fast and easy to use. Assembly with a height coupler is also easy to install.

2



For tiles and decking

Pedestal head allows to mount a spacer disc or joist adapter. It makes SPIRAL pedestals ready to use for tile and decking.

3



High load capacity

SPIRAL pedestals has a very high load capacity.

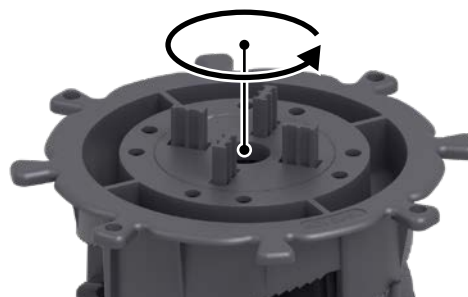
4



For sloped areas

SPIRAL pedestals can be used on the areas with a radical slope. Using self leveling head allows to compensate slope up to 6%.

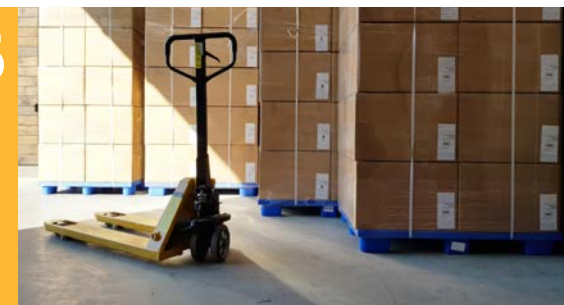
5



Rotating spacer discs

Spacer discs can be easily rotated. It allows to regulate the height with tiles laid on it.

6



Easy transportation

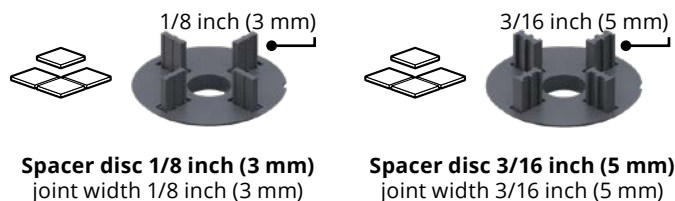
SPIRAL pedestals are easy for logistics and because of that transport is cheaper.

SPIRAL series

SPIRAL pedestals



FOR TILES



Spacer disc 1/8 inch (3 mm)
joint width 1/8 inch (3 mm)

Spacer disc 3/16 inch (5 mm)
joint width 3/16 inch (5 mm)

FOR DECKING JOISTS



Joist adapter
for timber joists, composite WPC, aluminium

SPIRAL pedestal 010-017



SPIRAL Series height range from **6/16 - 8 1/3 inch** (10 - 210 mm)

5 14/16 inch (150 mm)

4 inch (100 mm)

1 31/32 inch (50 mm)



SPIRAL 010-017

6/16 - 11/16
inch
(10 - 17 mm)

SPIRAL 017-030

11/16 - 1 3/16
inch
(17 - 30 mm)

SPIRAL 030-050

1 3/16 - 1 15/16
inch
(30 - 50 mm)

SPIRAL 050-070

1 31/32 - 2 3/4
inch
(50 - 70 mm)

SPIRAL 070-090

2 3/4 - 3 1/2
inch
(70 - 90 mm)

SPIRAL 090-110

3 1/2 - 4 1/3
inch
(90 - 110 mm)

9 5/6 inch (250 mm)

7 7/8 inch (200 mm)

5 14/16 inch (150 mm)

4 inch (100 mm)

1 31/32 inch (50 mm)



SPIRAL 110-130

4 1/3 - 5 1/8
inch
(110 - 130 mm)

SPIRAL 130-150

5 1/8 - 5 14/16
inch
(130 - 150 mm)

SPIRAL 150-170

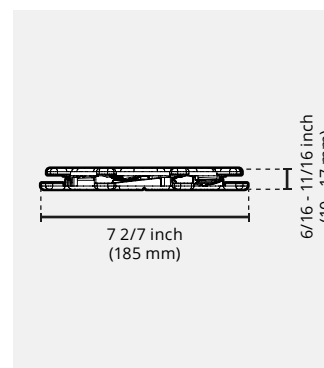
5 14/16 - 6 2/3
inch
(150 - 170 mm)

SPIRAL 170-190

6 2/3 - 7 1/2
inch
(170 - 190 mm)

SPIRAL 190-210

7 1/2 - 8 1/3
inch
(190 - 210 mm)



Name	SPIRAL pedestal 010-017
Application	- terrace with tiles - terrace with decking
Short name	SPIRAL 010-017
Code	For tiles - spacer 1/8 inch (3 mm): 107474 - spacer 3/16 inch (5 mm): 10754 For decking - joist L adapter: 10755
Pedestal height range	6/16 - 11/16 inch (10 - 17 mm)
Height adjustment	step height regulation (1/32 inch (1 mm))
Pedestal dimensions	7 2/7 × 7 2/7 × (10 - 17) inch (185 × 185 × (10 - 17) mm)
Pedestal load capacity	2400 kg
Material	plastic
Colour	black
Where to use	- exterior decking - interior raised floors
Subsurface	- hard subsurface - sensitive subsurface - sloped surface
Included	- joist adapter or gap spacers (1/8 or 3/16 inch (3 or 5 mm)) - SPIRAL pedestal 010-017

SPIRAL series

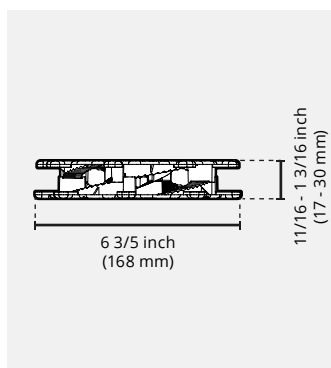
SPIRAL pedestals



SPIRAL pedestal 017-030



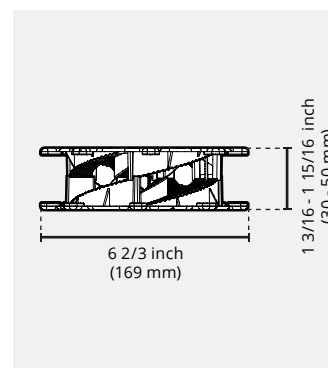
Name	SPIRAL pedestal 017-030
Application	- terrace with tiles - terrace with decking
Short name	SPIRAL 017-030
Code	For tiles - spacer 1/8 inch (3 mm): 10433 - spacer 3/16 inch (5 mm): 10434 For decking - joist L adapter: 10429
Pedestal height range	11/16 - 1 3/16 inch (17 - 30 mm)
Height adjustment	step height regulation (1/32 inch (1 mm))
Pedestal dimensions	6 3/5 × 6 3/5 × (11/16 - 1 3/16) inch (168 × 168 × (17 - 30) mm)
Pedestal load capacity	2400 kg
Material	plastic
Colour	black
Where to use	- exterior decking - interior raised floors
Subsurface	- hard subsurface - sensitive subsurface - sloped surface
Included	- joist adapter or gap spacers (1/8 or 3/16 inch (3 or 5 mm)) - SPIRAL pedestal 017-030



SPIRAL pedestal 030-050



Name	SPIRAL pedestal 030-050
Application	- terrace with tiles - terrace with decking
Short name	SPIRAL 030-050
Code	For tiles - spacer 1/8 inch (3 mm): 104334 - spacer 3/16 inch (5 mm): 10884 For decking - joist L adapter: 104333
Pedestal height range	1 3/16 - 1 15/16 inch (30 - 50 mm)
Height adjustment	step height regulation (1/32 inch (1 mm))
Pedestal dimensions	6 2/3 × 6 2/3 × (1 3/16 - 1 15/16) inch (169 × 169 × (30 - 50) mm)
Pedestal load capacity	2400 kg
Material	plastic
Colour	black
Where to use	- exterior decking - interior raised floors
Subsurface	- hard subsurface - sensitive subsurface - sloped surface
Included	- joist adapter or gap spacers (1/8 or 3/16 inch (3 or 5 mm)) - SPIRAL pedestal 030-050



SPIRAL series

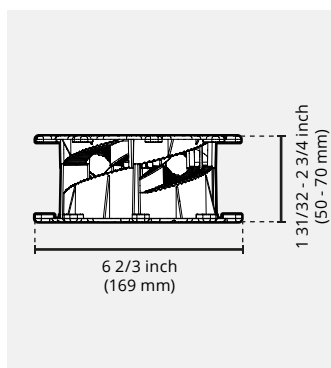
SPIRAL pedestals



SPIRAL pedestal 050-070



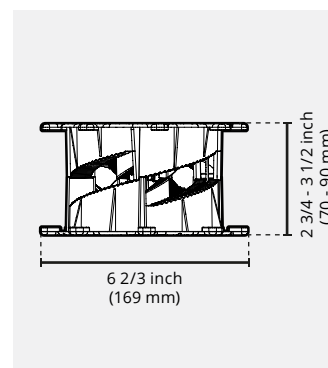
Name	SPIRAL pedestal 050-070
Application	- terrace with tiles - terrace with decking
Short name	SPIRAL 050-070
Code	For tiles - spacer 1/8 inch (3 mm): 104364 - spacer 3/16 inch (5 mm): 10887 For decking - joist L adapter: 10889
Pedestal height range	1 31/32 - 2 3/4 inch (50 - 70 mm)
Height adjustment	step height regulation (1/32 inch (1 mm))
Pedestal dimensions	6 2/3 × 6 2/3 × (1 31/32 - 2 3/4) inch (169 × 169 × (50 - 70) mm)
Pedestal load capacity	2400 kg
Material	plastic
Colour	black
Where to use	- exterior decking - interior raised floors
Subsurface	- hard subsurface - sensitive subsurface - sloped surface
Included	- joist adapter or gap spacers (1/8 or 3/16 inch (3 or 5 mm)) - SPIRAL pedestal 050-070



SPIRAL pedestal 070-090



Name	SPIRAL pedestal 070-090
Application	- terrace with tiles - terrace with decking
Short name	SPIRAL 070-090
Code	For tiles - spacer 1/8 inch (3 mm): 104331 - spacer 3/16 inch (5 mm): 10888 For decking - joist L adapter: 10890
Pedestal height range	2 3/4 - 3 1/2 inch (70 - 90 mm)
Height adjustment	step height regulation (1/32 inch (1 mm))
Pedestal dimensions	6 2/3 × 6 2/3 × (2 3/4 - 3 1/2) inch (169 × 169 × (70 - 90) mm)
Pedestal load capacity	2400 kg
Material	plastic
Colour	black
Where to use	- exterior decking - interior raised floors
Subsurface	- hard subsurface - sensitive subsurface - sloped surface
Included	- joist adapter or gap spacers (1/8 or 3/16 inch (3 or 5 mm)) - SPIRAL pedestal 070-090



SPIRAL series

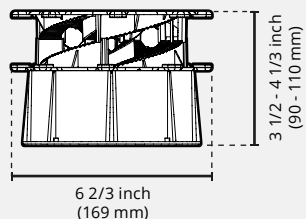
SPIRAL pedestals



SPIRAL pedestal 090-110



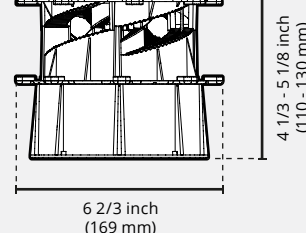
Name	SPIRAL pedestal 090-110
Application	- terrace with tiles - terrace with decking
Short name	SPIRAL 090-110
Code	For tiles - spacer 1/8 inch (3 mm): 104334 + 104332 - spacer 3/16 inch (5 mm): 10884 + 104332 For decking - joist L adapter: 104333 + 104332
Pedestal height range	3 1/2 - 4 1/3 inch (90 - 110 mm)
Height adjustment	step height regulation (1/32 inch (1 mm))
Pedestal dimensions	6 2/3 × 6 2/3 × (3 1/2 - 4 1/3) inch (169 × 169 × (90 - 110) mm)
Pedestal load capacity	2400 kg
Material	plastic
Colour	black
Where to use	- exterior decking - interior raised floors
Subsurface	- hard subsurface - sensitive subsurface - sloped surface
Included	- joist adapter or gap spacers (1/8 or 3/16 inch (3 or 5 mm)) - SPIRAL pedestal 030-050 - height coupler DS60



SPIRAL pedestal 110-130



Name	SPIRAL pedestal 110-130
Application	- terrace with tiles - terrace with decking
Short name	SPIRAL 110-130
Code	For tiles - spacer 1/8 inch (3 mm): 104364 + 104332 - spacer 3/16 inch (5 mm): 10887 + 104332 For decking - joist L adapter: 10889 + 104332
Pedestal height range	4 1/3 - 5 1/8 inch (110 - 130 mm)
Height adjustment	step height regulation (1/32 inch (1 mm))
Pedestal dimensions	6 2/3 × 6 2/3 × (4 1/3 - 5 1/8) inch (169 × 169 × (110 - 130) mm)
Pedestal load capacity	2400 kg
Material	plastic
Colour	black
Where to use	- exterior decking - interior raised floors
Subsurface	- hard subsurface - sensitive subsurface - sloped surface
Included	- joist adapter or gap spacers (1/8 or 3/16 inch (3 or 5 mm)) - SPIRAL pedestal 050-070 - height coupler DS60



SPIRAL series

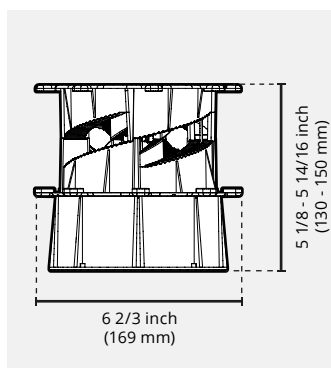
SPIRAL pedestals



SPIRAL pedestal 130-150



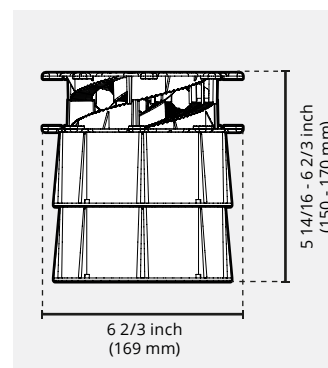
Name	SPIRAL pedestal 130-150
Application	- terrace with tiles - terrace with decking
Short name	SPIRAL 130-150
Code	For tiles - spacer 1/8 inch (3 mm): 104331 + 104332 - spacer 3/16 inch (5 mm): 10888 + 104332 For decking - joist L adapter: 10890 + 104332
Pedestal height range	5 1/8 - 5 14/16 inch (130 - 150 mm)
Height adjustment	step height regulation (1/32 inch (1 mm))
Pedestal dimensions	6 2/3 × 6 2/3 × (5 1/8 - 5 14/16) inch (169 × 169 × (130 - 150) mm)
Pedestal load capacity	2400 kg
Material	plastic
Colour	black
Where to use	- exterior decking - interior raised floors
Subsurface	- hard subsurface - sensitive subsurface - sloped surface
Included	- joist adapter or gap spacers (1/8 or 3/16 inch (3 or 5 mm)) - SPIRAL pedestal 070-090 - height coupler DS60



SPIRAL pedestal 150-170



Name	SPIRAL pedestal 150-170
Application	- terrace with tiles - terrace with decking
Short name	SPIRAL 150-170
Code	For tiles - spacer 1/8 inch (3 mm): 104334 + 2× 104332 - spacer 3/16 inch (5 mm): 10884 + 2× 104332 For decking - joist L adapter: 104333 + 2× 104332
Pedestal height range	5 14/16 - 6 2/3 inch (150 - 170 mm)
Height adjustment	step height regulation (1/32 inch (1 mm))
Pedestal dimensions	6 2/3 × 6 2/3 × (5 14/16 - 6 2/3) inch (169 × 169 × (150 - 170) mm)
Pedestal load capacity	2400 kg
Material	plastic
Colour	black
Where to use	- exterior decking - interior raised floors
Subsurface	- hard subsurface - sensitive subsurface - sloped surface
Included	- joist adapter or gap spacers (1/8 or 3/16 inch (3 or 5 mm)) - SPIRAL pedestal 030-050 - height coupler DS60 (2 pcs.)



SPIRAL series

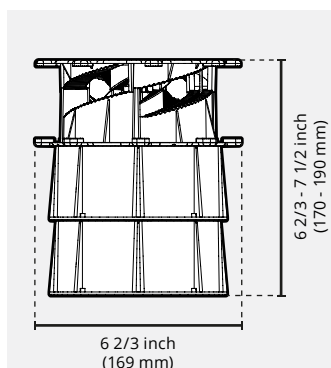
SPIRAL pedestals



SPIRAL pedestal 170-190



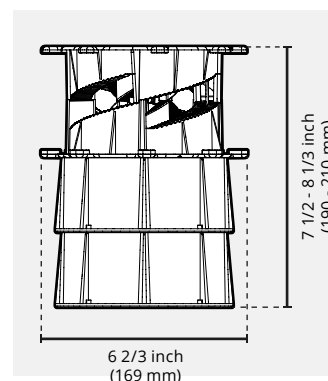
Name	SPIRAL pedestal 170-190
Application	- terrace with tiles - terrace with decking
Short name	SPIRAL 170-190
Code	For tiles - spacer 1/8 inch (3 mm): 104364 + 2x 104332 - spacer 3/16 inch (5 mm): 10887 + 2x 104332 For decking - joist L adapter: 10889 + 2x 104332
Pedestal height range	6 2/3 - 7 1/2 inch (170 - 190 mm)
Height adjustment	step height regulation (1/32 inch (1 mm))
Pedestal dimensions	6 2/3 x 6 2/3 x (6 2/3 - 7 1/2) inch (169 x 169 x (170 - 190) mm)
Pedestal load capacity	2400 kg
Material	plastic
Colour	black
Where to use	- exterior decking - interior raised floors
Subsurface	- hard subsurface - sensitive subsurface - sloped surface
Included	- joist adapter or gap spacers (1/8 or 3/16 inch (3 or 5 mm)) - SPIRAL pedestal 050-070 - height coupler DS60 (2 pcs.)



SPIRAL pedestal 190-210



Name	SPIRAL pedestal 190-210
Application	- terrace with tiles - terrace with decking
Short name	SPIRAL 190-210
Code	For tiles - spacer 1/8 inch (3 mm): 104331 + 2x 104332 - spacer 3/16 inch (5 mm): 10888 + 2x 104332 For decking - joist L adapter: 10890 + 2x 104332
Pedestal height range	7 1/2 - 8 1/3 inch (190 - 210 mm)
Height adjustment	step height regulation (1/32 inch (1 mm))
Pedestal dimensions	6 2/3 x 6 2/3 x (7 1/2 - 8 1/3) inch (169 x 169 x (190 - 210) mm)
Pedestal load capacity	2400 kg
Material	plastic
Colour	black
Where to use	- exterior decking - interior raised floors
Subsurface	- hard subsurface - sensitive subsurface - sloped surface
Included	- joist adapter or gap spacers (1/8 or 3/16 inch (3 or 5 mm)) - SPIRAL pedestal 070-090 - height coupler DS60 (2 pcs.)



SPIRAL series

SPIRAL series accessories



Image	Name	Where to use	Short name	Code	Dimensions a - length b - width h - height	Example of application
	Gap spacer 1/8 inch (3 mm)	Gap spacers makes 1/8 inch (3 mm) joint gap between tiles.	D3	10441	a - 2 5/9 inch (65 mm) b - 2 5/9 inch (65 mm) h - 5/9 inch (14 mm)	
	Gap spacer 3/16 inch (5 mm)	Gap spacers makes 3/16 inch (5 mm) joint gap between tiles.	D5	10440	a - 2 5/9 inch (65 mm) b - 2 5/9 inch (65 mm) h - 5/9 inch (14 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)	

SPIRAL series

SPIRAL 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)	
	Rubber shim SH145 1/16 inch (1,5 mm)	Noise cancellation and tile thickness compensation. Gives additional height of 1/16 inch (1,5 mm).	SH145	10314	a - 5 5/7 inch (145 mm) b - 5 5/7 inch (145 mm) h - 1/16 inch (1,5 mm)	
	Self leveling head LE MAX 0-6% 3/4 inch (20 mm) height	Self leveling of the terrace with a slope range from 0% to 6%. Gives additional height of 3/4 inch (20 mm).	LE MAX	10680	a - 6 1/5 inch (157 mm) b - 6 1/5 inch (157 mm) h - 3/4 inch (20 mm)	
	Height coupler 2 1/3 inch (60 mm)	Height coupler allows to extend pedestal height with additional 2 1/3 inch (60 mm).	DS 60	104332	a - 5 14/16 inch (150 mm) b - 5 14/16 inch (150 mm) h - 2 1/3 inch (60 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)	