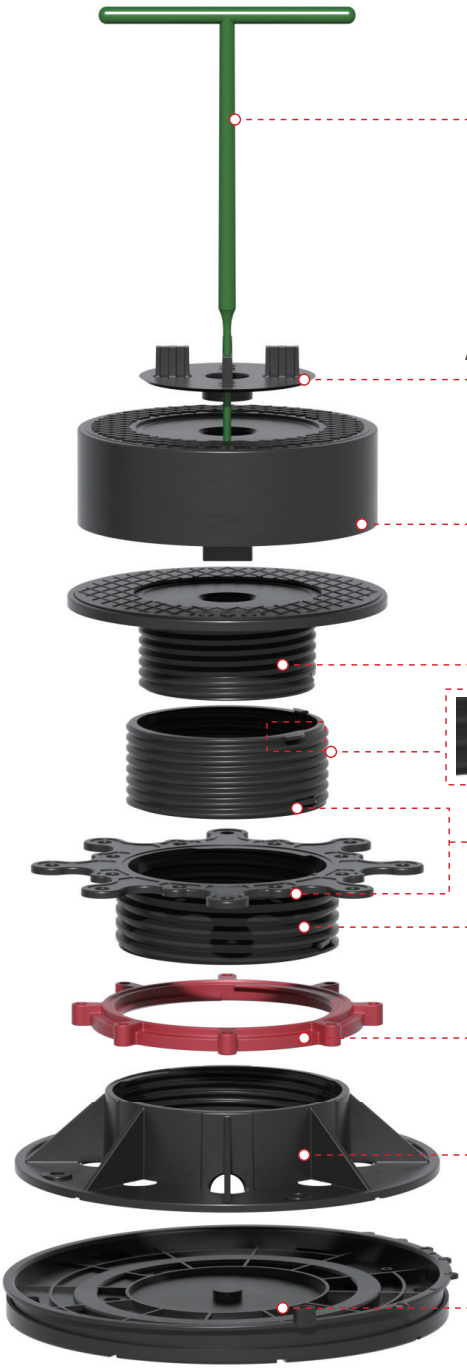
Adjustable Pedestal System

Technical data sheet

Components



Adjustment Key

Adjust the height from the top,
no more lifting and relaying the pavers

Spacer Tabs

Allows adjustment key through, and keeps pavers evenly spaced

Extension Pad (45mm)

Can be stacked on top of the pedestal,
each pad gives 45mm extra height

Head

Soft rubber injected on head,
no more additional rubber parts

All parts fully assembled with lock
system, saving time and won't unscrew

Reverse thread makes it easy to adjust the height
after heavy pavers are laid on the pedestal

Middle Extension

Fix Collar

Fix the height and make the pedestal more stable

Base

Slope Corrector

Compensate for an uneven ground fall up to 5%

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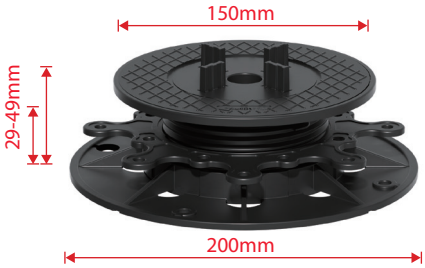
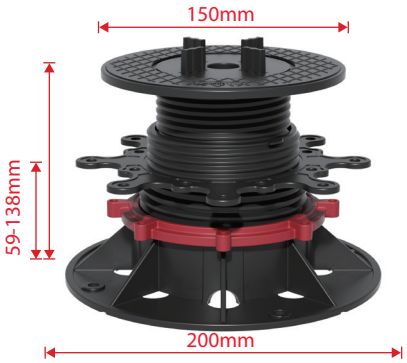
BT Adjustable Pedestal System



1292823

BT Pedestal 29-49mm
with 4mm Spacer Tab (Pk32)



1292824

BT Pedestal 59-138mm
with 4mm Spacer Tab (Pk30)

1292825

BT Extension Pad
45mm

1292826

BT Slope Corrector
0%-5%

1292829

BT Plastic
Perimeter Clip

1298034

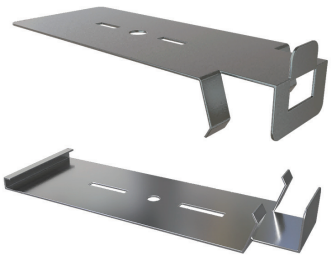
BT Rubber Base Pad
210x3mm

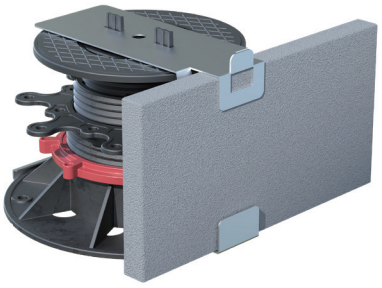
1292827

BT Adjustment Key

1303361

BT pedestal 304
SSteel Side Closure
Top & Bottom Clip





Just 3 products can cover the most commonly required height ranges:

1292823 BT Pedestal 29-49mm; 1292824 BT Pedestal 59-138mm; 1292825 BT Extension Pad 45mm

(Up to 2 Extension Pads can be added to a pedestal, reaching a maximum 228mm height)

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Installation

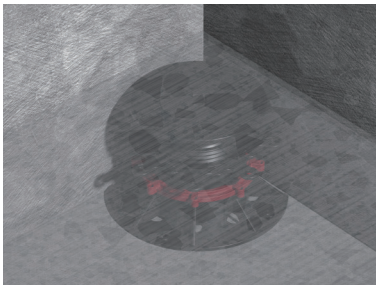
1. Adjust the pedestal to the desired height, then turn down the fix collar to fix it in place. Note: for maximum stability and load capacity it is best to choose the pedstal system where it will be used well-within its height range. Once your pavers are laid you may find you need to adjust them up or down to create a perfectly level area.

2. If you need more height when the pedestal is already at its maximum, you can purchase 1292825 BT Extension Pad 45mm to add on top. e.g. Add 1 extension pad to the 1292824 BT Pedestal 59-138mm to reach a maximum 183mm height.

3. Position adjustable pedestals with removed spacer tabs where edges and corers are to be supported.

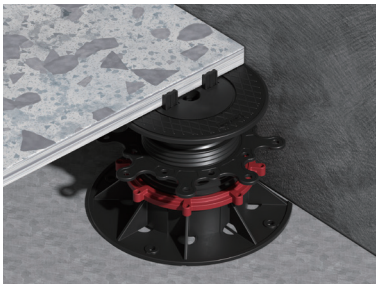
Remove four spacer tabs when pedestals are placed in a corner

Cut off two sides of the base when the pedestal is up against the wall



Remove two spacer tabs when pedestal is up against the wall

Cut off one side of base when the pedestal is up against the wall.



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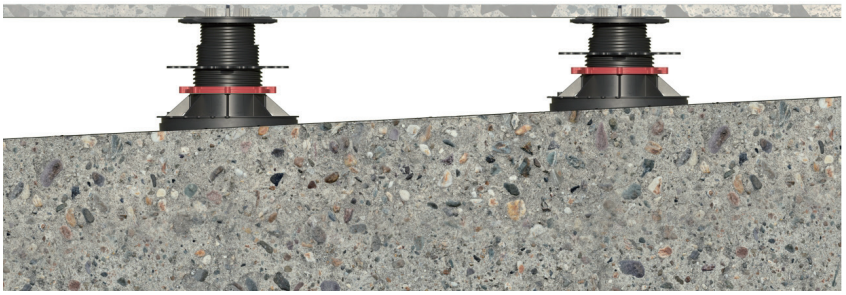
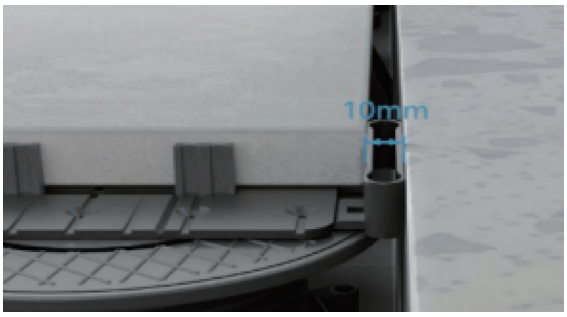
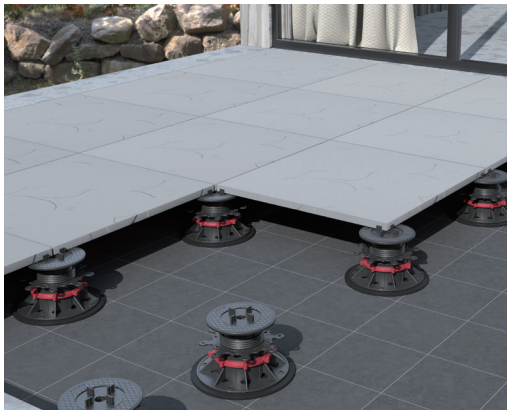
4. 1292826 BT Slope Corrector 0-5% can compensate for an uneven ground fall making the ideal level surface. It is simply added underneath the pedestals before installation.



5. 1292829 BT Plastic Perimeter Clip is made of PP and soft rubber. It creates a 10mm gap between the edge of the paver and the wall for drainage, and can reduce noise from the pavers against the wall. The clip can be fixed onto the pedestal by screw.



6. 1298034 BT Rubber Base Pad is made of recycled rubber. It is anti-slip, reduces noise and protects your waterproof membrane. Simply slip it under the base of pedestal.



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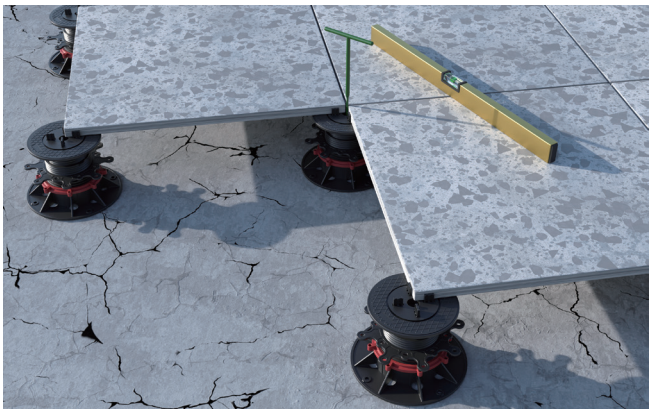
6. Install the pedestals and pavers one by one. After 2 or 3 pavers are placed, use a spirit level to check if the surface is level. Use the BT Adjustment Key to fine tune adjust the pedestal height from the top of the tiles.



7. Normally the pedestals are put directly on the ground without fixing, though sometimes silicon glue can be used to reinforce the fixing of pedestals. Pavers are placed directly onto the pedestals.

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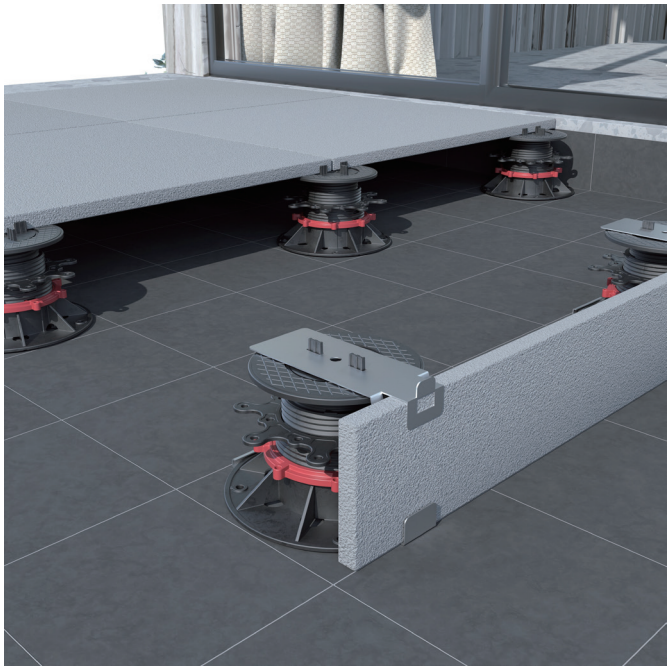
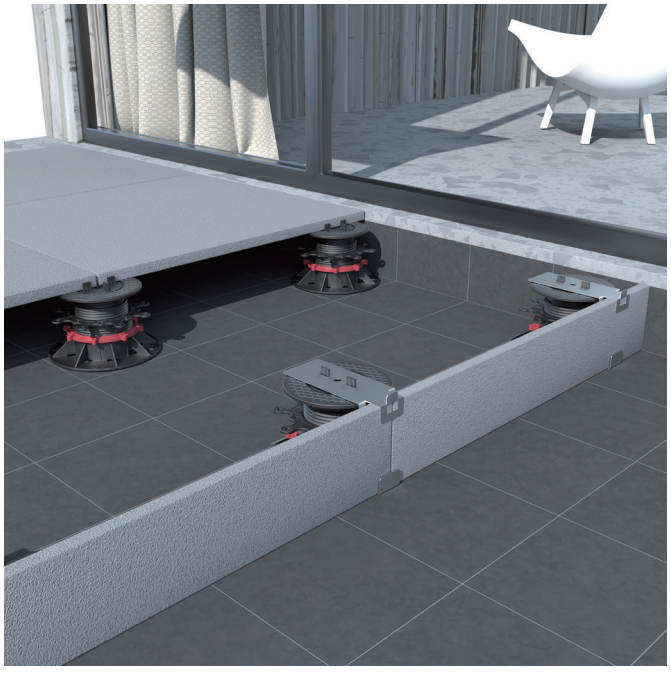
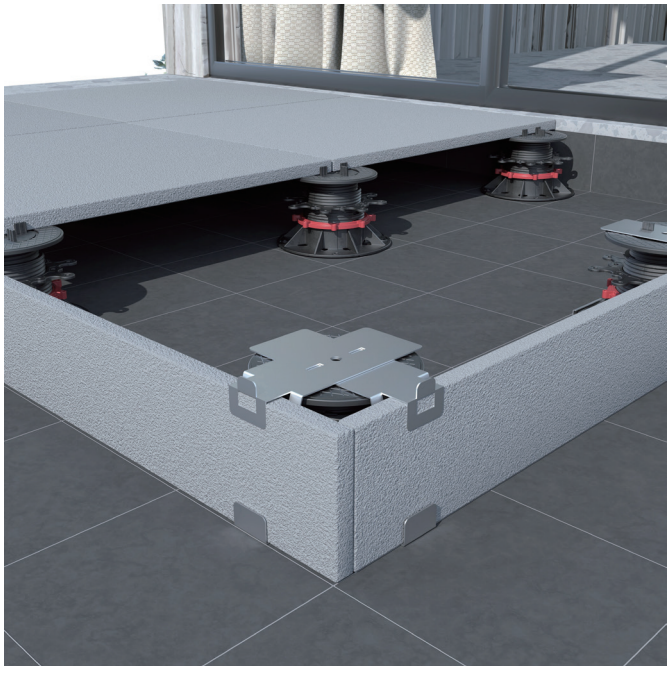


8. 1303361 BT Pedestal 304 Stainless Steel Side Closure Top & Bottom Clips are used to create a vertical footstep where there is no perimeter wall. Designed to hold 20mm pavers, one clip is placed under the base and the other on top of the pedestal locked in place by the spacer tabs.





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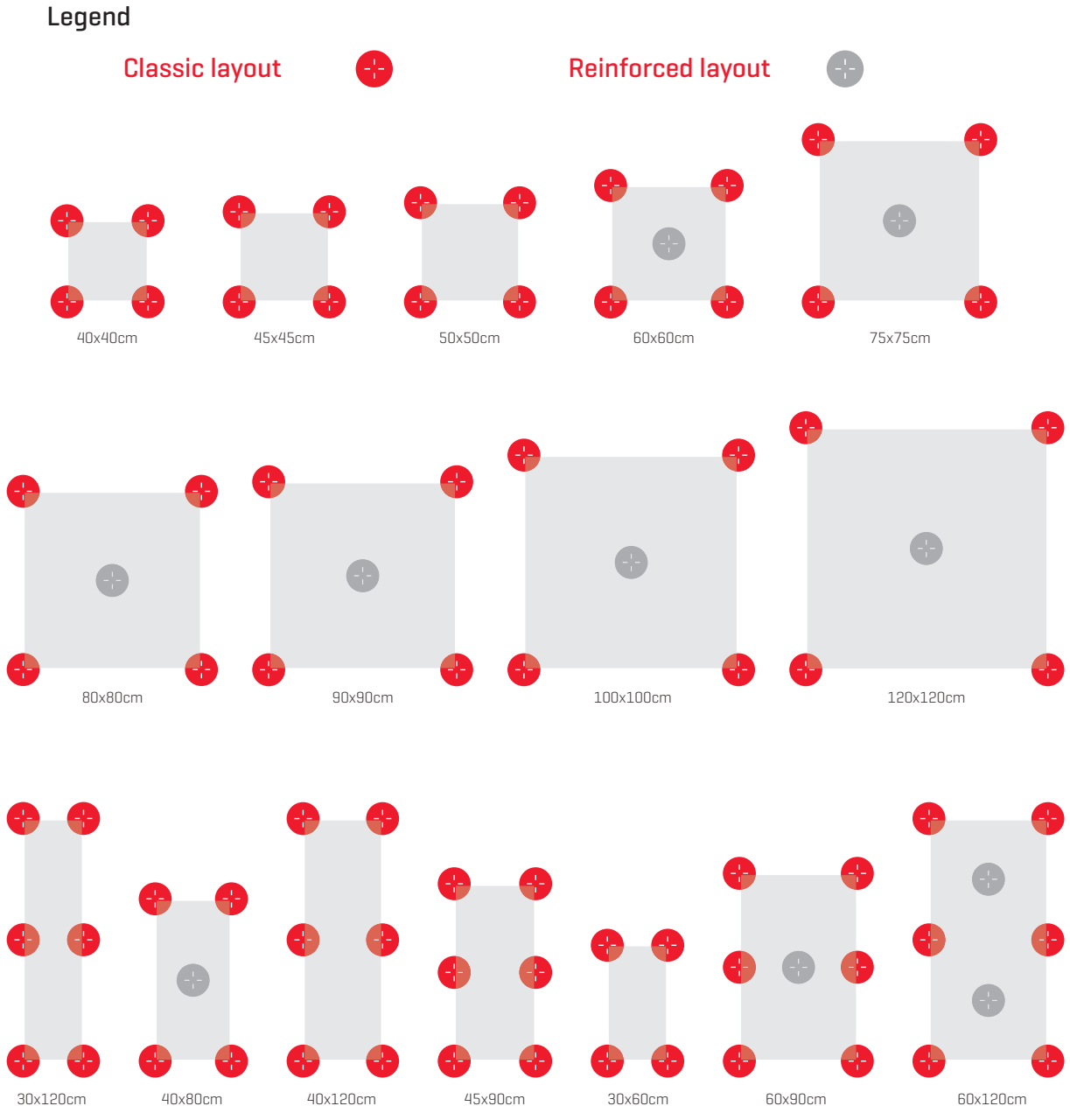
Number of Pedestals per Paver

- The quantity of pedestals required depends on the size of the pavers used. Generally speaking, 1 pedestal per corner is needed, or 4 per paver. It is possible to add a 5th pedestal in the center of the paver in order to reinforce the structure or in the case of large pieces. In this case, break off all spacer tab fins on the head of the centre pedestal.



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Number of Pedestals/sqm

- DIFFERENT TYPES OF PAVEMENT (concrete slabs, gratings, porcelain pavers, rectified natural stone)

Information: The calculation table is approximate and based on a square or rectangular deck and a straight installation.

PAVING PEDESTALS		Ground Surface						
Type of laying	Pavers Dimension	20sqm	40sqm	60sqm	80sqm	100sqm	200sqm	1000sqm
		Number of pedestals/sqm						
1 pedestal / corner Refer to the classic layout diagram	40x40	7.7	7.4	6.9	6.8	6.8	6.6	6.5
	45x45	6.5	6.2	6	5.7	5.7	5.5	5.1
	45x90	6.5	6.2	6	5.7	5.8	5.5	5.1
	50x50	5	4.7	4.6	4.5	4.7	4.3	4.1
	60x30	7.5	6.8	6.4	6.3	3.2	3.2	2.9
	60x60	4	3.8	3.3	3.4	3.2	3.2	2.9
	75x75	2.8	2.4	2.3	2.3	2.3	2.1	1.9
	80x40	4.2	4.2	3.7	3.6	3.6	3.6	3.3
	80x80	2.4	2.2	2.1	1.9	2	1.8	1.7
	90x60	2.8	2.5	2.4	2.4	2.3	2.2	2.0
	90x90	6.2	5.7	5.2	5	4.8	4.4	4.2
	30x120	7.5	6.8	6.4	6.3	6.3	6.1	5.8
	40x120	5.5	5.3	4.8	4.7	4.7	4.6	4.4
	60x120	4	3.8	3.3	3.4	3.2	3.2	2.9
1 pedestal / corner + centres Refer to the reinforced layout diagram	60x60	6.5	6.4	6	6	5.8	5.8	5.6
	75x75	4.3	3.9	4	3.9	3.9	3.8	3.7
	80x40	7.4	7.2	6.7	6.7	6.6	6.6	6.4
	80x80	3.9	3.7	3.5	3.4	3.4	3.3	3.2
	90x60	4.3	4.1	3.5	3.4	3.4	3.3	3.2
	90x90	10	9	8.3	7.8	7.6	6.8	6.4
	100x100	7.9	7.3	7	6.2	6	5.6	4.9
	60x120	4.6	4.4	4	4	3.9	3.8	3.6
	120x120	4.6	4.4	4	4	3.9	3.8	3.6

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Loading Test Report

- Pedestals are surprisingly strong individually, and will safely support increased loads when combined in a full layout.

Sample No.	Sample Name	Test Item(s)	Test Result(s)	Unit	Test Standard
1292823 (Sample 1)	I/1 AT 32MM HEIGHT	Pressure test (Crushing strength)	8.23	kN	ASTM D695-2010
1292823 (Sample 2)	I/1 AT 32MM HEIGHT	Pressure test (Crushing strength)	8.39	kN	ASTM D695-2010

Sample No.	Sample Name	Test Item(s)	Test Result(s)	Unit	Test Standard
1292824 (Sample 1)	I/1 AT 98MMHEIGHT	Pressure test (Crushing strength)	8.95	kN	ASTM D695-2010
1292824 (Sample 2)	I/1 AT 98MMHEIGHT	Pressure test (Crushing strength)	8.79	kN	ASTM D695-2010

- As a minimum, we recommend using our 20mm thick outdoor porcelain pavers and 30mm natural stone pavers with the Beaumonts Adjustable Pedestal System (10mm outdoor tiles are not suitable). Before using any other surface material with our pedestals please check with your supplier that it is fit for purpose, and will support extreme weights when used as a raised floor. Beaumonts will not be held liable for unsuitable material choices.

  Beaumonts Adjustable Pedestal System components are guaranteed for a minimum 10 years when installed as instructed.

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