



## Non-combustible steel pedestal



# MoonBay Profile

Hangzhou Moonbay Industrial CO., Ltd is a professional construction material manufacturer integrating obligation with R&D, design, produce, sale and service.

Since its establishment on July 25, 2013, the company has developed and produced products such as: Non-combustible self-leveling steel pedestal, Adjustable Pedestal System, Rust Metal Corten Steel Garden Edging, Stainless Steel Edge, Multifunctional Edge, Garden Edge, Trench Drain System and Tile Leveling System with 30 innovative patents.

Being honest, professional, innovative and positive is our business concept. Offering great quality product and excellent service is one of our mission.

Moonbay factory located in Zhuji, Shaoxing with 13000 SQM area.

There are over 60 automatic production Line. Moonbay is now world-famous brand and hot selling in Europe, Asia, Australia, North America. We look forward to cooperating with you.



**13000+**

13000 SQM area factory



**30+**

Innovative patents



**60+**

Automatic production Line



**60+**

Sales around the world



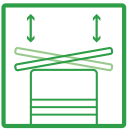
## Advantage



👍 1. Reach A1/A2 fire rating.



👍 2. Experiments have proved to withstand the weight of 2 tons.



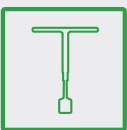
👍 3. Self-leveling head for slopes from 0 to 5%.



👍 4. Complete assembled product, save labor.



👍 5. Coated with protective layer



👍 6. Height adjustment key



👍 7. With fix collar lock accessory



👍 8. Transport costs considerably reduced as the product is supplied assembled .

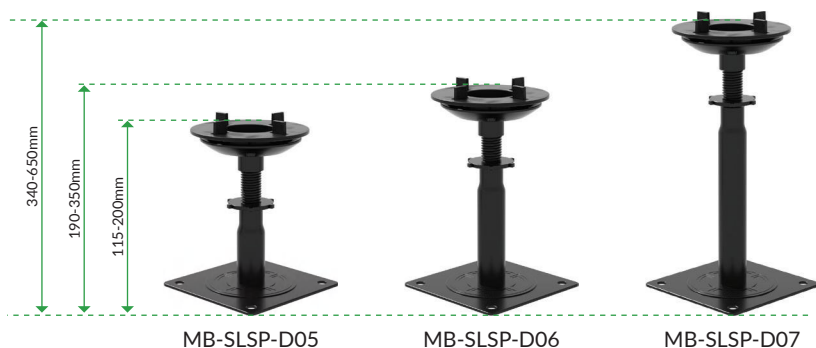
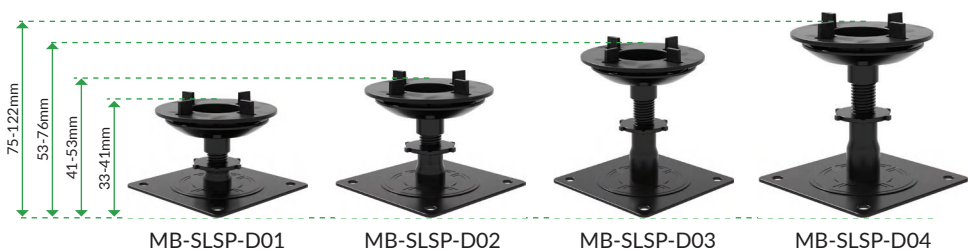
# Self-leveling steel pedestal



Self-leveling head  
for tile

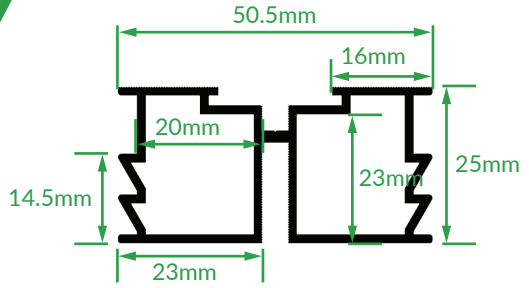
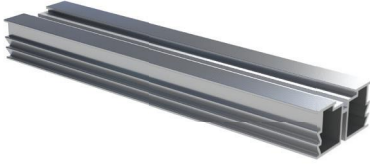


Self-leveling head  
for joist



From 33 mm to 650 mm and customizable height.

## Aluminum joist

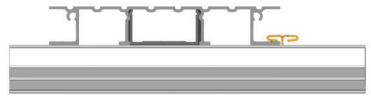


The aluminum joist designed by Moonbay. Aluminum joist size 25x50mm, snap into a special joist cardle firmly, no need screws , can be installed with WPC decking, wood deck, it can also support ceramic tiles, stone tiles , granite tiles when installed with spacer tabs. And also more easy to adjust to level through line than dot,. Thanks to the special head that houses the aluminum joist we can guarantee excellent results in terms of safety, laying speed and stability of safety, laying speed and stability of the walking surface.

## Non-combustible aluminum decking

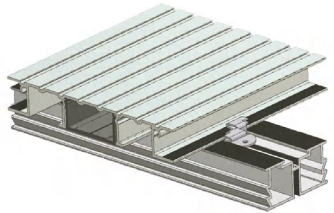
### 1. FIRE RESISTANCE

The boards are manufactured completely from aluminum and are therefore fire resistant and non-combustible to A2-s1, d0 and A2fl-s1.



### 2. DRAINAGE

They can also be spaced to allow for varying drainage requirements (unlike any other system).



### 3. SLIP RESISTANCE

DIRECTION	CONDITION				1	2	3	4	5	MEAN	PREV	RISK
	Dry	70	68	67	67	67	67	67	66	67	0	Low
	Wet	44	41	39	39	39	38	38	38	38	0	Low
	Dry	65	64	64	64	64	64	63	62	63	0	Low
	Wet	44	44	39	38	38	38	38	38	38	0	Low
	Dry	66	65	64	64	64	63	62	62	63	0	Low
	Wet	50	47	45	45	45	44	44	44	44	0	Low

Pendulum Test Values (PTVs) - Low Slip Potential 35+ | Moderate Slip Potential 25-35 | High Slip Potential 0-25

Please Note: The test is conducted 8 times , with the first three tests being 'warm up tests' the data then starts to be recorded upon the 4th test. The average is taken from the 5 tests and is shown in the column marked MEAN.

The directions are; Length, Width & Diagonal. Each direction has a score depending on wet and dry conditions. Direction A is length, direction B is width, and direction C is diagonal.

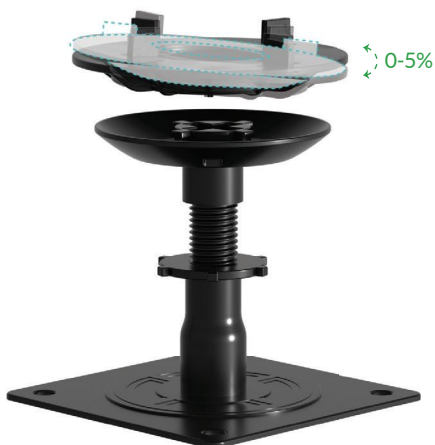
### 4. INSTALLATION

Speed and ease of installation are key to any project, so we have designed a board that has a unique invisible (structural) top clip system which can be installed from the top down. The board can also be trimmed down the length to match any projection of balcony and still be structurally stable across the whole plank.

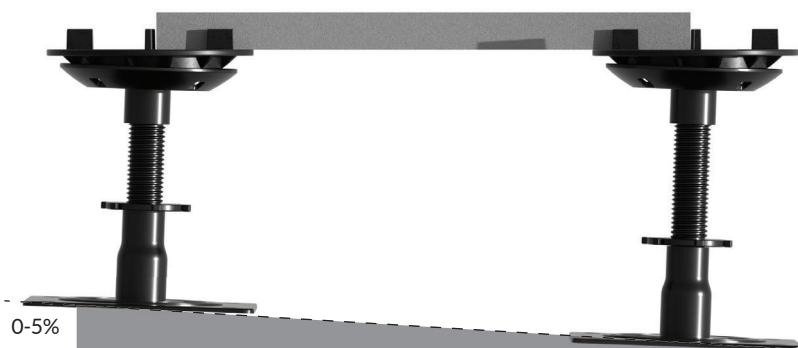
### 5. AESTHETICS

Aesthetics are key to a great finish; our boards are designed to look like decking but not to feel like aluminum.

# Automatic Self-Leveling



Self-leveling head  $\varnothing$  90 mm  
 Allowing to get a perfect flat  
 pavement even on rough ground.



Welcome to contact us to get a calculation form.

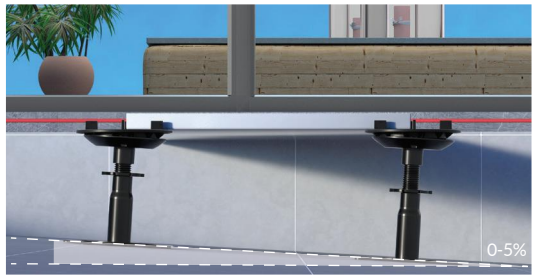


PEDESTAL QTY CALCULATION	
TILE SIZE	PCS/SQM
600X600 MM	2.8 PCS
500X500 MM	4 PCS
400X400 MM	6.3 PCS

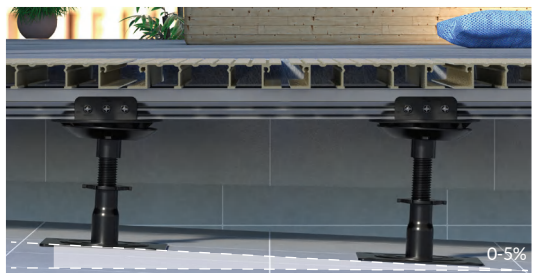
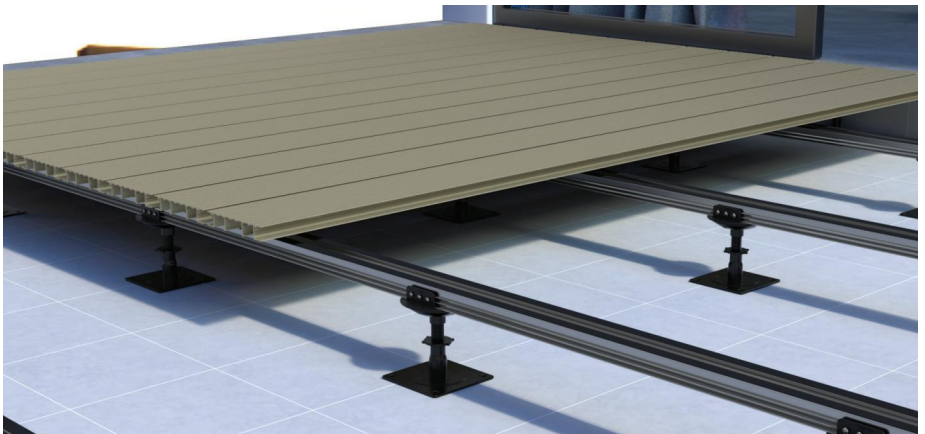


PEDESTAL QTY CALCULATION	
Installation distance	PCS/SQM
300X300 MM	11
400X400 MM	6
450X450 MM	5
500X500 MM	4
We advice buy 10% more of total quantity	

# Project

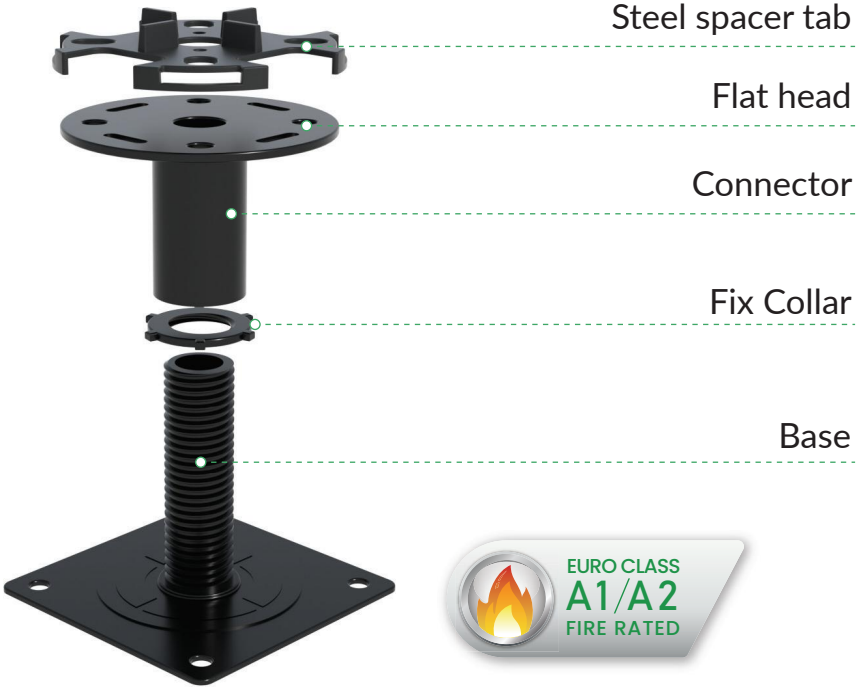


1. Slope compensation detail using self-leveling pedestal with tiles.



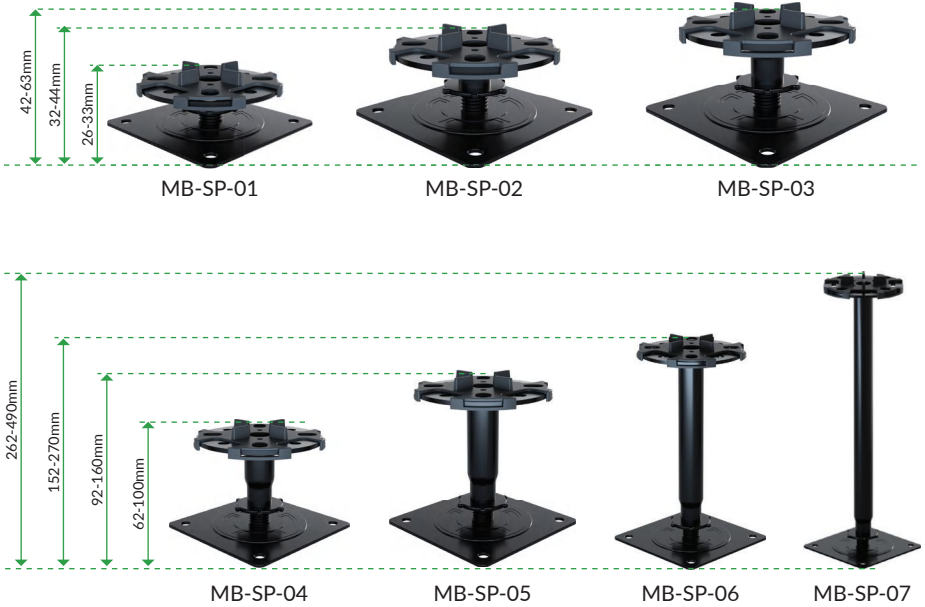
2. Slope compensation detail using self-leveling pedestal with aluminum joist and aluminum sheet.

# Flat head steel pedestal





# Adjust the height



From 26 mm to 490 mm and customizable height.

Welcome to contact us to get a calculation form.



PEDESTAL QTY CALCULATION	
TILE SIZE	PCS/SQM
600X600 MM	2.8 PCS
500X500 MM	4 PCS
400X400 MM	6.3 PCS

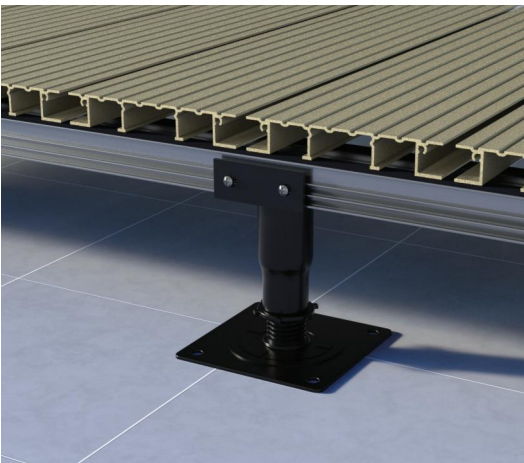


PEDESTAL QTY CALCULATION	
Installation distance	PCS/SQM
300X300 MM	11
400X400 MM	6
450X450 MM	5
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We advice buy 10% more of total quantity	

# Project





1. Adjust the height using pedestal with tiles.



2. Adjust the height using pedestal with aluminum joist and aluminum sheet.

# Accessory

MODULE	PICTURE	ACCESSORY	PACKAGE 			UNIT 
			PCS/BOX	BOX SIZE cm	PCS/20GP	
adjustment key		/	100 pcs/ctn	31x31x25	/	...
invisible wind resistant lock with screw(M4*40)		/	/	/	/	...
wall side steel clip buffer (steel clips for against the wall)		/	500 pcs/ctn	31x31x25	/	...
side closure top steel clip 01 (steel clips for vertical tiles)		/	250 pcs/ctn	31x31x25	/	...
side closure bottom steel clip 02 (steel clips for vertical tiles)		/	250 pcs/ctn	31x31x25	/	...
paving edging (2.5m/pc, 20mmx50mm)		/	/	/	/	...
Moonbay spike for soft land 2mm thickness galvanized steel, 380mm height with 4 screw (M4*12MM)		/	/	/	/	...
Galvanized steel safety plate, 600x600x2mm, size customized		/	/	/	/	...
aluminum joist		/	/	/	/	...
non-combustible aluminum decking		/	/	/	/	...

# Factory



# History



**2013**

Moonbay Company was established to provide customers with efficient and environmental friendly products



**2014**

Set up a domestic trade and foreign trade team, developed T-series Adjustable Pedestal, and won 9 national patents



**2015**

Develop A-series Adjustable Pedestal system

**2018**

The factory area was expanded to 8,000 square meters, and the number of employees exceeded 100



**2017**

Develop Water Drainage system and all kinds of drain cover



**2016**

Develop K-series Adjustable Pedestal system



**2019**

top one supplier of adjustable pedestal and drain channel in China



**2020**

developed non-combustible steel pedestal



**2021**

The number of employees exceeded 200, and the factory area was expanded to 13,000 square meters

**2022**

Buy 12800 sqm factory, upgrade to universal building material supplier





Profession



Honesty



Innovation

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