



Self-leveling steel pedestal



Flat head 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**, we have over **50 engineers and more than 150 workers**, the company has developed and produced products such as: Steel pedestal, Adjustable Pedestal, HDPE Drain channel, Polymer concrete drain channel, Manhole Cover, Aluminum Decking, Garden Edge, Tile Leveling System etc... with **32 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 building material support **10,000+ project** every year. It's 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+

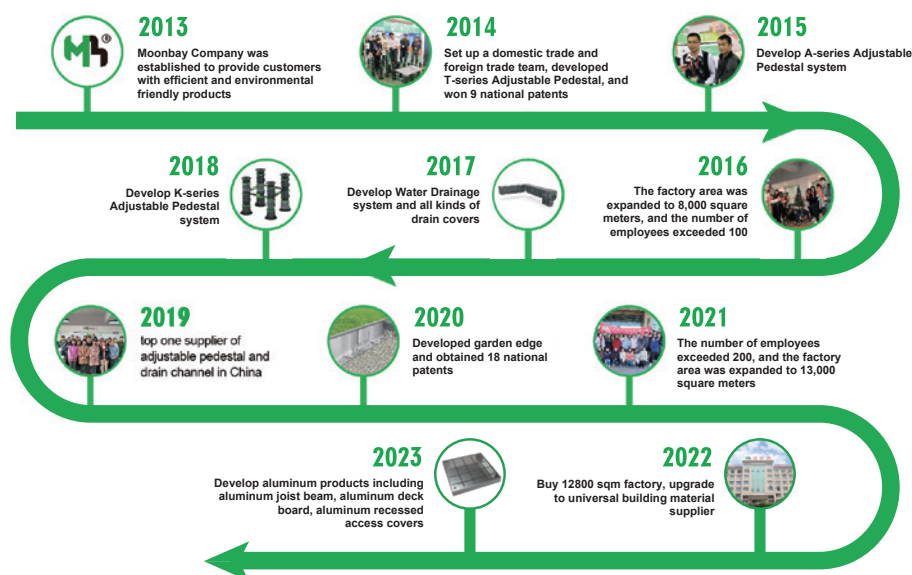
Automatic production Line



60+

Sales around the world





Mission: Create More Efficient And Eco-friendly Product

Vision: To Be The Benchmarking Enterprise In Building Material Industrial

Value: Honesty, Profession, Innovation, Optimism



Factory video

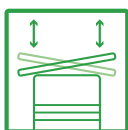
Steel Pedestal Advantage



👍 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

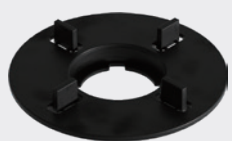


👍 7. With fix collar lock accessory



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

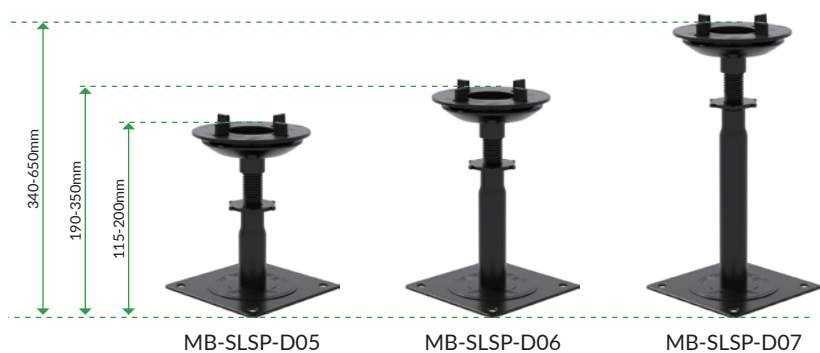
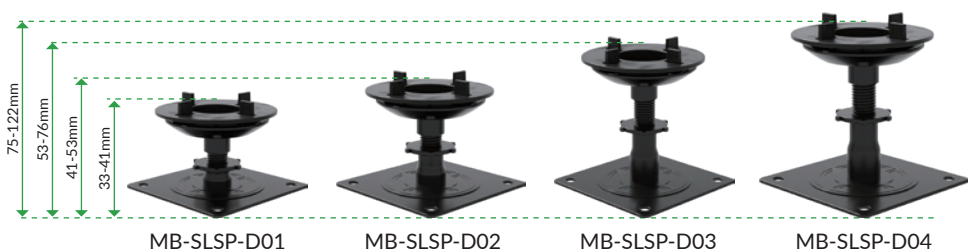
Self-leveling steel pedestal



Self-leveling head
for tile

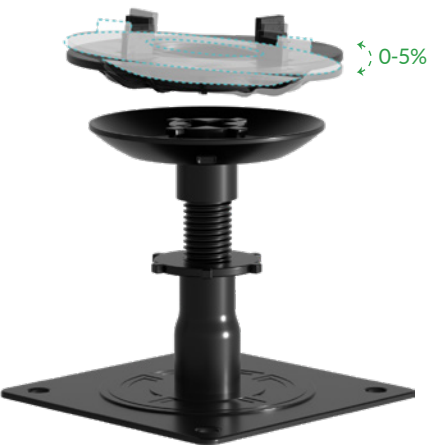


Self-leveling head
for joist



From 33 mm to 650 mm and customizable height.

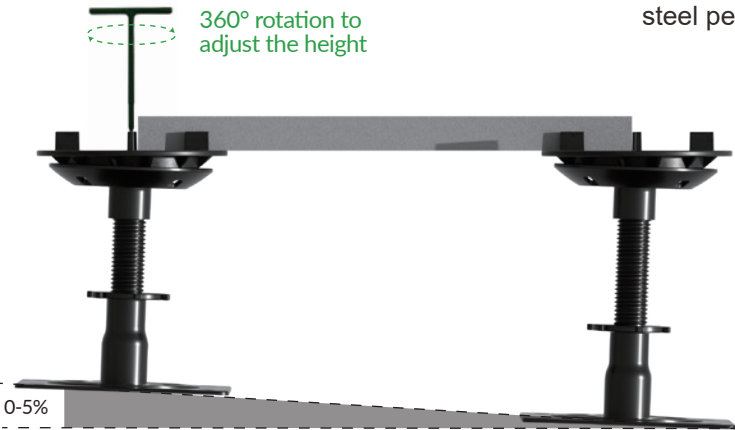
Automatic Self-Leveling



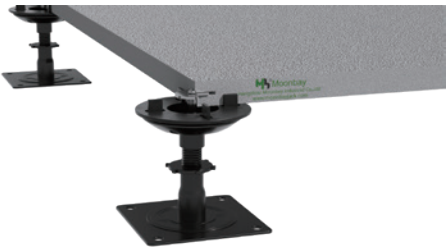
Self-leveling head Ø 90 mm
Allowing to get a perfect flat
pavement even on rough
ground.



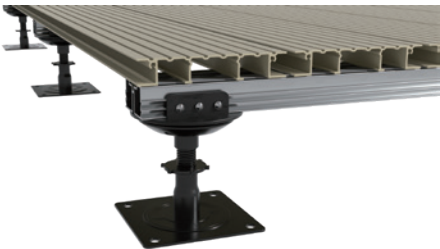
Self-leveling
steel pedestal



Welcome to contact us to get a calculation form.

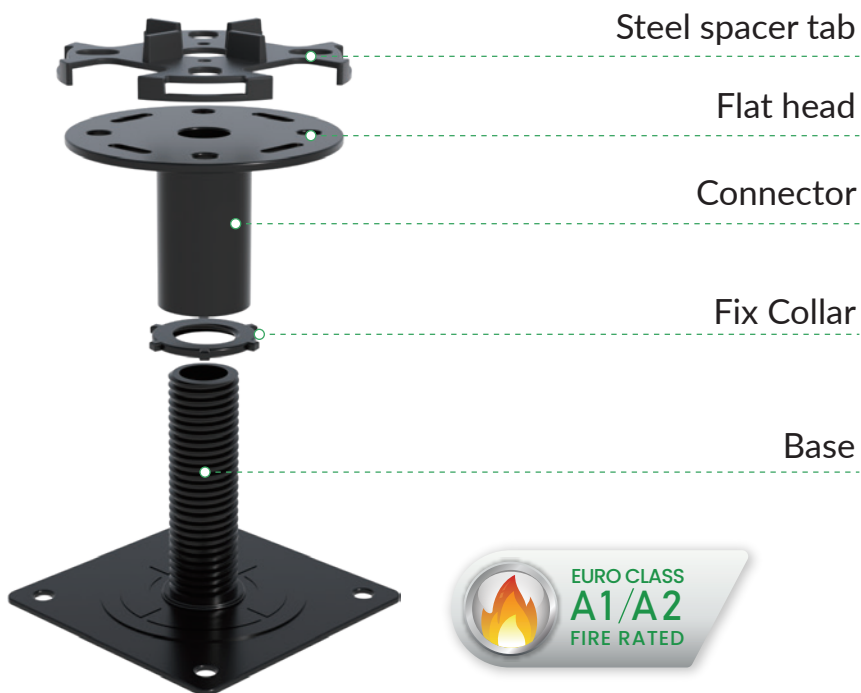


PEDESTAL QTY CALCULATION	
TILE SIZE	PCS/SQM
600X600 MM	2.8 PCS
500X500 MM	4 PCS
400X400 MM	6.3 PCS



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	

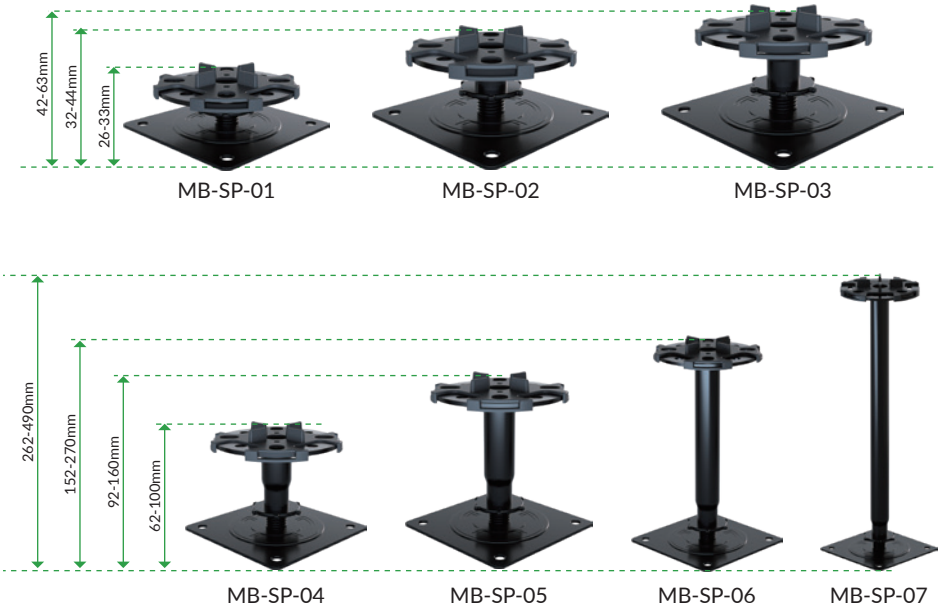
Flat head steel pedestal



Non-combustible
steel pedestal



Adjust the height



From 26 mm to 490 mm and customizable height.
All the system is made of steel, A1 fire rated.

Welcome to contact us to get a calculation form.



PEDESTAL QTY CALCULATION	
TILE SIZE	PCS/SQM
600X600 MM	2.8 PCS
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Project



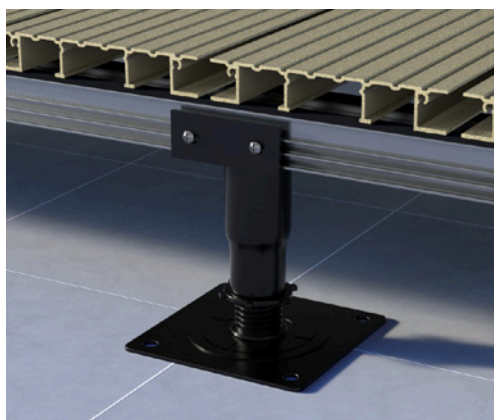
1. Non-combustible self-leveling steel pedestal support paving tiles, such as porcelain tile, stone tile granite tile etc.



2. Non-combustible self-leveling steel pedestal with joist head support aluminum decking by aluminum joist, all product made of metal, meet A2 fire resistance.

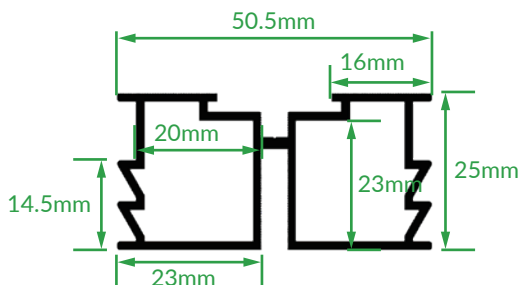
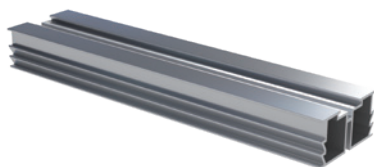


3. Non-combustible flat head steel pedestal support paving tiles, such as porcelain tile, stone tile granite tile etc.



4. Non-combustible flat head steel pedestal with joist head support aluminum decking by aluminum joist, all product made of metal, meet A2 fire resistance.

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 stablity of safety, laying speed and stability of the walking surface.

Non-combustible aluminum decking

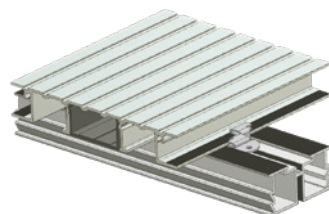
1. FIRE RESISTANCE

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

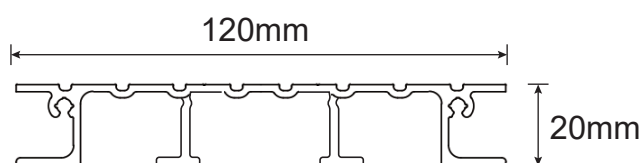
Speed and ease of installation are key to any project, so we have designed a board that has a unique invisible (structural) top clip system which can be installed from the top down. The board can also be trimmed down the length to match any projection of balcony and still be structurally stable across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

Non-combustible aluminum decking

Moonbay Aluminium decking board is A2 fire rated, it is 50% quicker to install compared to other decking systems on the market. These boards are fixed by the clips, just slide the panel one by one, the special steel clips will catch them firmly. It can also span 600mm between joists on a 4KN loading.



- The boards are constructed completely from 100% aluminium (6063 T6 grade), up to 30% of which has been recycled to make these boards eco-friendly and much better for the environment.
- Due to the fact that Moonbay is aluminium and finished using the 5 stage Qualicoat system, little or no maintenance is required. General grime can be removed simply with a damp, lint free cloth or mop with warm soapy water.
- The decking is supplied with a 30 year warranty against splitting, cracking, warping, splintering, rotting, twisting and material or manufacturing defects. It has a minimum 60 year life expectancy.



**ALL
ALUMINIUM**



**HEAT
RESISTANT**



**DURABLE
TEXTURED FINISH**



**LOW
MAINTENANCE**



RECYCLABLE



**STABLE IN ALL
WEATHER
CONDITIONS**



**A2-S1, D0 & A2fl-s1
FIRE RATED**



Profession



Honesty



Innovation

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