

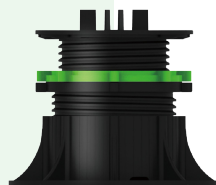
# Moonbay Pedestal System





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## The Proud Manufacturer

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### Introducing Moonbay Industrial Co.;

Hangzhou Moonbay Industrial Co., Ltd is one of the worlds leading adjustable plastic pedestal manufacturers. With over a decade of experience in providing high quality pedestals to the global market, their production and sales quantities exceeds 100,000 pieces per month. Supported by a well-established global distributor network, and installers worldwide preferring Moonbay product, they have established a reputation and contributed to leading architectural projects in New York, Melbourne, Sydney, Dubai, and throughout Asia.



Above: The installers on a new eco-building install in Romania.

Moonbay is accredited with major international quality standards such as SGS, ASTM, and CTI and attained many international certificates, such as CE, MSDS and ROHS.

Based on the company ethos of “Profession, Honesty, Innovation”, Moonbay strives to ensure its customers save time and cost and enjoy premium quality and innovative products.



Above - The engineers and builders on the worksite at the new Centre hospitalier de l'université de Montréal (CHUM), Canada.



# CONSTRUCTION PLASTICS

## The Proud NZ Distributor

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Introducing Construction Plastics Limited;

Construction Plastics Limited is proudly New Zealand owned and operated by trade professionals; for trade professionals. With decades of experience in retail, manufacture and construction, we find the best products globally and deliver them to our customers at the best price we can. No confusing margin schemes or loyalty programs - just the best product we can source or produce, at the best price for all customers, big or small.

Construction Plastics has a team of in house product designers continuously working on designing or sourcing innovative new products for the building and construction sectors. We are proud to have connected with Moonbay in 2017 to bring this exceptional product range to New Zealand. We hope you enjoy the product as much as we do.

Kind regards,  
Richard Vickers,  
Director

## Moonbay Pedestals:

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The Moonbay pedestal system is an innovative product range which extends the horizons of possibilities for modern construction and architecture. This unique design produced by Moonbay's extensive research and development team is made from high quality polypropylene and is UV resistant.

The height adjustable and slope correctable pedestals are strong and reliable and suitable for most outdoor terraces, structures and water features. They can support a wide range of flooring applications, including: timber, plastic and composite decking and stone or ceramic paving tiles. The pedestals are lightweight and easy to install and they can be laid over any stable substrate.





## Why Choose Moonbay:

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- Progressive height adjustment from 19 mm to over 1200mm.
- Suitable for tiles or timber decking.
- Compressive strength of over 2000kg per pedestal.
- Lightweight and easy to install.
- UV stable and chemical resistant.
- Weather proof and temperature safe (-40 to +120 degrees celcius).
- Large smooth bases (diameter of 200mm) to mitigate (waterproof) membrane damage.
- Provides drainage and ventilation.
- Provides acoustic and thermal insulation.
- Can compensate for ground slope and tile thickness variation.
- Includes locking rings to ensure rigidity.
- Re-usable and Recyclable.
- Quick and easy to install.
- Backed by a 10 year product guarantee.



\* For more details on our guarantee policy please call us on; 09-444 2260 or check our website; [www.constructionplastics.co.nz](http://www.constructionplastics.co.nz)



## Moonbay Product Assembly:

### Joist Cradle:

Supports any sort of substructure:

- Timber batten (joists).
- Composite batten.
- Aluminium or steel support sections.

Width is upto 63mm, fixing holes for mechanical fixing.

### Spacer Tabs:

The head can be fitted with spacer tabs which provide the desired gaps between tiles (for drainage and ventilation).

### Locking Rings:

To fix and lock off screws after adjustment to ensure pedestals are secured at desired height. Can be removed when not required.

### Base:

The base can be positioned and fixed to any substrate. Base diameter is 200mm.



### Shim:

Use with marble, stone slabs, granite, pavers etc.

- Anti-slip performance
- Shock and sound absorption.
- Compensate for stone thickness variation.

### Head:

The head of the support is screwed directly onto the base, or onto the extender.

### Extender:

The pedestal extender can be attached to add height (+ 220mm).

### Adjustment Rings:

Adjust height of pedestals by turning these with reversed screw pitch.

### Base Angle Adjuster:

Base Angle Adjuster can be attached at the bottom of the base to ensure pedestal stands upright. Compensates for slopes ranging from 0% to -5%.



## Moonbay Product Range:

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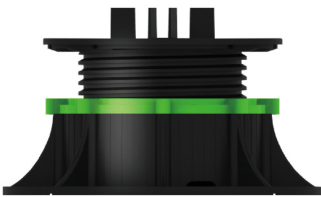
MB-T0\_A  
( 19-30 mm)



MB-T0\_B  
( 28-42mm)



MB-T0\_C  
( 40-65mm)



MB-T0\_D  
( 65-105mm)



MB-T0\_E  
( 90-180mm)



5mm Spacer Tab,  
with 2mm Shim



Joist Cradle



Base Angle Adjuster



Pedestal Extender



## The Base Angle Adjuster

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The Base Angle Adjuster can be applied to the bottom of the pedestal to compensate for slopes between 0% - 5%. This allows the pedestal to stand up perfectly upright for optimal weight distribution.

The Base Angle Adjuster consists of two inclined planes that screw together to achieve the required angle. The angle can be adjusted once the pedestals have been installed on top, for easy and speedy installment.

## Technical Specs:

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Materials: Polypropylene (PP) 90%, Talc 10%

Colour: Black

Dimensions:

Part 1 = 210mm diameter, 4-8mm thickness

Part 2 = 223mm diameter, 4-8mm thickness

Assembled Thickness = 13mm at 0% and 18mm at 5%

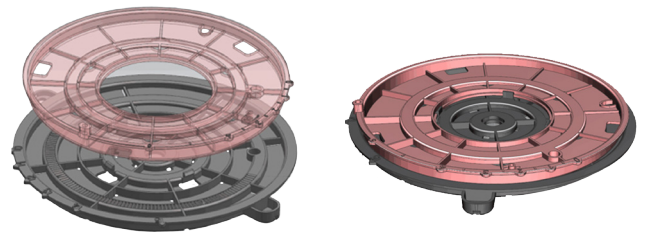
Performance:

U.V. Stable: Yes

Recyclability: 100%

Temperature Resistance: -40 to +120 degrees celcius

Chemical Resistance: High





## The Pedestal Extender

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The Pedestal Extender can be attached to both the MB-T0-D and MB-T0-E model pedestals by unwinding the top and screwing it straight onto the base. It can then be secured in place with the locking rings for extra rigidity.

The MB-T0-D Pedestal with the Pedestal Extender will achieve a height range of: 235mm to 315mm.

The MB-T0-E Pedestal with the Pedestal Extender will achieve a height range of: 250mm to 370mm.

## Technical Specs:

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Materials:

Polypropylene (PP) 90%, Talc 10%

Colour: Black with Green locking rings

Dimensions:

220mm long, 120mm diameter

Assembled Length:

MB-T0-E = 235mm to 315mm

MB-T0-D = 250mm to 370mm

Performance:

U.V. Stable: Yes

Recyclability: 100%

Temperature Resistance:

-40 to +120 degrees celcius

Chemical Resistance: High



## Moonbay Projects Worldwide:

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Above: Forest Lake Hotel,  
Huadi Mountain, China.

Above: The Centre hospitalier de l'université  
de Montréal (CHUM), Canada.



Left: Oosten Apartment,  
South Williamsburg, New York.



Left: Guangzhou White Swan Hotel,  
China.



Thank you for choosing Moonbay Pedestals

For more information or to place orders please visit:

[www.constructionplastics.co.nz](http://www.constructionplastics.co.nz)

or call us on: 09 444 2260