

## UNILOCK® PEDESTAL SYSTEM

**UNILOCK®**

PAVERS & WALLS

UNILOCK.COM | 1-800-UNILOCK

# TECHNICAL SPECIFICATIONS

Material	Recycled Polypropylene
Height Range	30mm to 420mm
Ultimate Compressive Strength <sup>1</sup>	T Series - 10 kN (2,360 lbs)*
Base Diameter	T Series - 177 mm
Spacer Tab Height	11 mm
Spacer Tab Thickness	3 mm [gap between pavers]
Biological / Chemical	Unaffected by molds and algae
Resistance	Good resistance to alkali and bitumen

<sup>1</sup>Detailed values for individual heights are given in the technical specification

## PEDESTAL ASSEMBLY

**ELEMENTS**

**Gap spacers**  
Gap spacers create spaces between paver tiles with 3 mm width.

**Screw**  
Units have graduating heights.

**Adjustment ring for height regulation**  
Adjustment ring allows easy and smooth pedestal height adjustment.

**Base**  
Wide pedestal base for better support. Bases have different heights depending on unit.

**OPTIONAL ACCESSORIES**

**Rubber shim**  
Noise reduction shim. Can also be divided into parts.

**Self levelling head**  
Self levelling head automatically reduces surface slope up to 7%.

**Height coupler (use up to 2)**  
Additional Height couplers can be added to increase pedestal height.



## STANDARD PEDESTALS



DDP 030-045 MM



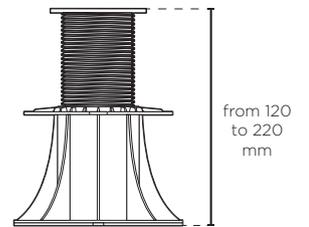
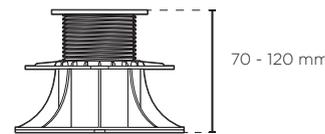
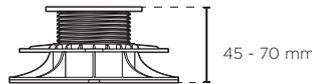
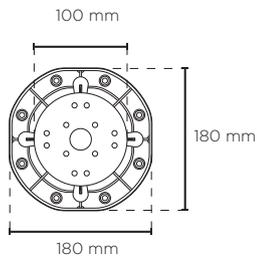
DDP 045-070 MM



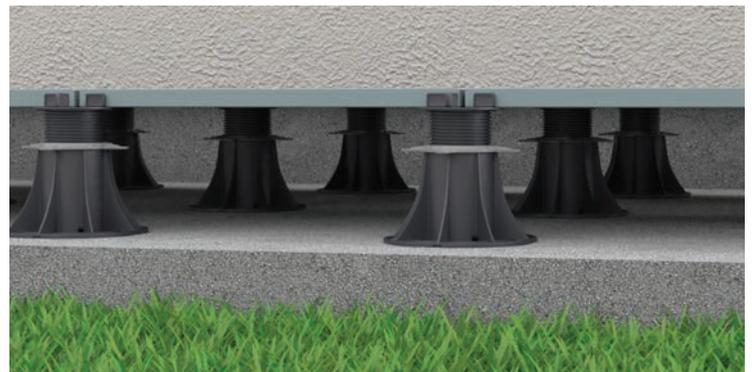
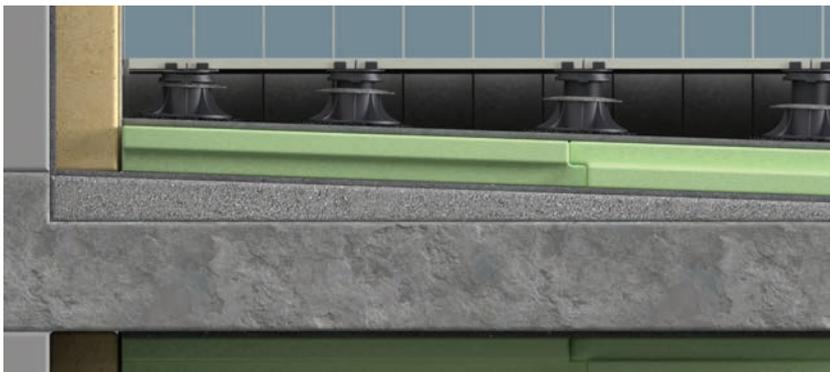
DDP 070-120 MM



DDP 120-220 MM



\*Unilock stocks Standard Pedestals only. MAX Pedestals available through special order



# PRODUCT TABLE

Terraces elevated

Model #	Name	Height	Weight (kg)	Box	Pallet	Ultimate Compressive Strength (lbs)	Design Compressive Strength (FS:2 lbs)
 DDP 030-045 MM	Adjustable Pedestal	30 - 45 mm	0.14	100	2,000	3,250 lbs.	1,625 lbs.
 DDP 045-070 MM	Adjustable Pedestal	45 - 70 mm	0.17	70	1,400	3,250 lbs.	1,625 lbs.
 DDP 070-120 MM	Adjustable Pedestal	70 - 120 mm	0.23	50	1,000	3,250 lbs.	1,625 lbs.
 DDP 120-220 MM	Adjustable Pedestal	120 - 220 mm	0.4	36	720	3,250 lbs.	1,625 lbs.
 DS 100 MM	Height Coupler	100 mm	0.12	100	2,000		
 DDP LE	Self Levelling Head 7% Standard	16 mm	0.1	250	5,000		
 SH 100 1.5 MM	Rubber Shim	1.5 mm	0.02	1,000	-		
 L3 / L5	Spare Gap Spacers 3/5 mm (100 pcs)	3-11 mm 5-15 mm		100			
 K3 / K5	Cross Spacer	3 mm		1			
	Screwdriver Pedestal Assembly and Height Regulation Tool		0.02	1	-		

*Each box of pedestals comes with 1 cross spacer per pedestal and individual 3mm and 5mm gap spacers for 20% of the pedestals. Each box of pedestals comes with 1 cross spacer per pedestal and individual spacer for along the wall installation.*



**Note:** The information provided in this brochure is based on current knowledge and experience and does not infer any legally binding assurance or warranty, expressed or implied. Intending purchasers should verify whether any changes to specifications or applications or otherwise have been made since the issue of this literature. Environmentally-friendly recycled materials are used in product manufacture wherever possible. Physical product properties including color may differ due to source of raw materials used. Color may also fade due to UV exposure. All components of the product are designed for specific application, design calculations and any variation and/or deviation therefrom shall be the responsibility of the specifier and/or user.

# UNILOCK® PEDESTAL SYSTEM

Unilock® provides a versatile and sustainable solution to support elevated pavers. It provides a cavity to conceal services, improves heat and sound insulation, and facilitates rapid surface drainage, while allowing waterproofing and services to remain accessible. It also eliminates efflorescence and algae growth and reduces paver installation cost.

## ABOUT THE UNILOCK PEDESTAL SYSTEM

Unilock® provides a height and slope adjustable pedestal system for paver support engineered to reduce material, construction and lifecycle costs.

It caters to a wide range of height requirements, from **30mm - 420mm**, using only three main components parts (Top, Extender and Base). Accessories include top and bottom slope-correctors, spacer tabs, rubber shims and height extenders.

### SUPPORTS GREEN BUILDING CERTIFICATION

Unilock pedestals are manufactured from recycled plastics, which meet Green Building practices.

### HIGH COMPRESSIVE STRENGTH

Unilock pedestals have high ultimate compressive strength for various height combinations.

### ADVANTAGES

- Easy to install and lightweight
- Progressive height increments
- Slope correction
- Reduce surface lift caused by heavy wind
- Made from recycled plastics
- Easily removed and reused

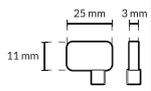
### CONSTRUCTION BENEFITS

Unilock® provides a quick-to-install alternative to on-site fabricated concrete or metal piers. It allows convenient progressive height adjustments and correction for fall.

The large flat base and rounded edges do not penetrate to compromise waterproofing membranes. The base flange design prevents water ponding and breeding of pests.

Unilock's pedestal turning tool connected to a power drill permits height adjustments to be made with minimum effort.

## ACCESSORIES

SERIES	Moveable Gap Spacer Tabs 3 MM	Wall Edge Clip 0.7 MM	Drill Driver
			
STANDARD SERIES*	Included	●	●



\*Additional accessories available through special order

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# PEDESTAL FEATURES

## SELF-LEVELING HEAD



Self-leveling head provides for slope compensation up to 7%, keeping paver slabs level on a sloping surface.

## HEIGHT COUPLER



DS 100 MM

Extension element to the standard adjustable pedestals. Whenever you need to raise the terrace more than the standard height of the adjustable pedestal (220mm), use a 100 mm height coupler.

## RUBBER SHIM



SH100 1.5 MM

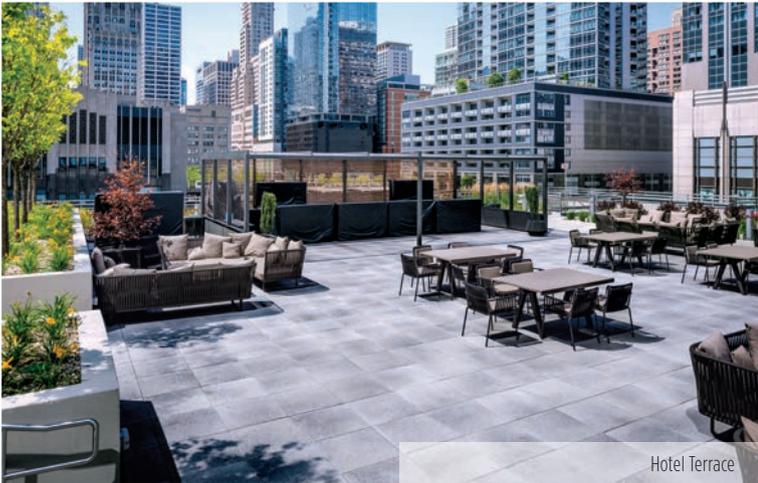
Rubber adjustment shim for equalizing differences in tile thickness as well as providing additional vibration absorption and noise reduction.

## PEDESTAL DRILL DRIVER



Adjustment tool for height regulation and assembly for Adjustable Pedestals.

# PROJECTS



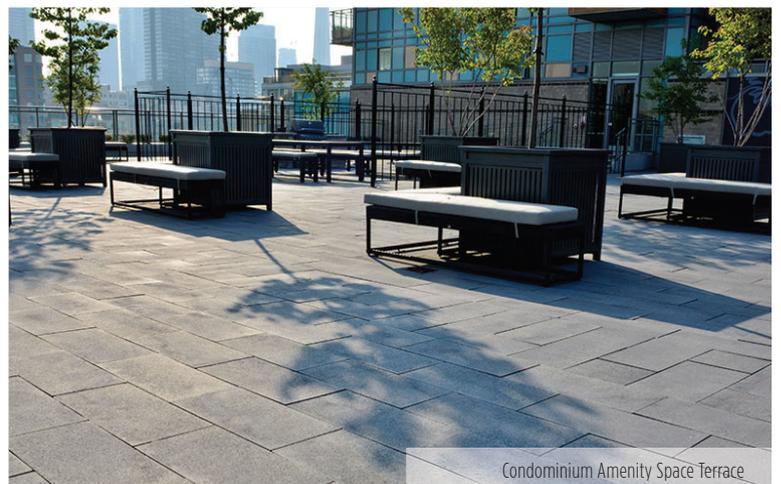
Hotel Terrace



Private Residence



Condominium Roof Deck Pool



Condominium Amenity Space Terrace

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