EV Materials

Adjustable Plastic Pedestal



EV Materials Corporation

Code	мв-то	МВ-Т0-А	мв-то-в	мв-то-с	MB-T0-D	МВ-Т0-Е	MB-T1	HIGH MB-T1	HIGH MB-T2	HIGH MB-T3
Height (mm) (inches)	14 - 19	19 - 30	28 - 42	40 - 65	60 - 105	90 - 180	180 - 320	250 - 370	370 - 560	500 - 760
	0.55" - 0.75"	0.75" - 1.18"	1.1" - 1.65"	1.57" - 2.6"	2.36" - 4.13"	3.54" - 7.09"	7.09" - 12.6"	9.85" - 14.56"	14.56" -121.65"	19.7" -29.5"













MB-T0 14-19mm

MB-T0-A 19-30mm

MB-T0-B 28-42mm

MB-T0-C 40-65mm

MB-T0-D 60-105mm

MB-T0-E 90-180mm



MB-T1 180-320mm



HIGH MB-T1 250-370mm



HIGH MB-T2 370-560mm



HIGH MB-T3 500-760mm

EV ADJUSTABLE PEDESTAL PAVER & DECKING SUPPORT

155mm

MB-T0

Head Part, Dia. 155mm, with swivel spacer tabs 2mm/3.5mm/5mm/8mm/10mm

Base, Dia. 155mm, with drainage holes

Compression Test

Performed on the full (1/1), half (1/2) or quarter (1/4) surface of the head

Position	Height(mm)	Breaking Loads(Lbs)	
1/1	17	2976	
1/2	17	2562	
1/4	17	2165	



MB-T0-A

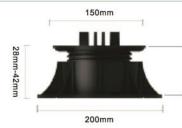
Head Part, Dia. 150mm, with swivel spacer tabs 2mm/3.5mm/5mm/8mm/10mm

Base, Dia. 200mm, with drainage holes

Compression Test

Performed on the full (1/1), half (1/2) or quarter (1/4) surface of the head

Position	Height(mm)	Breaking Loads(Lbs)	
1/1	25	2862	
1/2	25	2401	
1/4	25	2194	



МВ-Т0-В

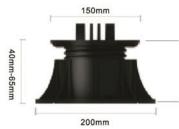
Head Part, Dia. 150mm, with swivel spacer tabs 2mm/3.5mm/5mm/8mm/10mm

Base, Dia. 200mm, with drainage holes

Compression Test

Performed on the full (1/1), half (1/2) or quarter (1/4) surface of the head

Position	Height(mm)	Breaking Loads(Lbs)	
1/1	35	2756	
1/2	35	2337	
1/4	35	2127	



MB-T0-C

Head Part, Dia. 150mm, with swivel spacer tabs 2mm/3.5mm/5mm/8mm/10mm

Base, Dia. 200mm, with drainage holes

Compression Test

Performed on the full (1/1), half (1/2) or quarter (1/4) surface of the head

Position	Height(mm)	Breaking Loads(Lbs)	
1/1	50	2921	
1/2	50	2504	
1/4	50	2039	



MB-T0-D

Head Part, Dia. 150mm, with swivel spacer tabs 2mm/3.5mm/5mm/8mm/10mm

Base, Dia. 200mm, with drainage holes

Compression Test

Performed on the full (1/1), half (1/2) or quarter (1/4) surface of the head

Position	Height(mm)	Breaking Loads(Lbs)	
1/1	80	3056	
1/2	80	2862	
1/4	80	2138	



MB-T0-E

Head Part, Dia. 150mm, with swivel spacer tabs 2mm/3.5mm/5mm/8mm/10mm

Adjustment Ring Diameter 115 mm Screw pitch reversed Adjust height of pedestals

Base, Dia. 200mm, with drainage holes

Compression Test

Performed on the full (1/1), half (1/2) or quarter (1/4) surface of the head

Position	Height(mm)	Breaking Loads(Lbs)	
1/1	120	2989	
1/2	120	2535	
1/4	120	2134	

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MB-T1

Head Part, Dia. 150mm, with swivel spacer tabs 2mm/3.5mm/5mm/8mm/10mm

Extender, Dia. 120mm, extend height of pedestals

Adjustment Ring Diameter 115 mm Screw pitch reversed Adjust height of pedestals Base, Dia. 200mm, with drainage holes

Compression Test

Performed on the full (1/1), half (1/2) or quarter (1/4) surface of the head

Position	Height(mm)	Breaking Loads(Lbs)	
1/1	260	3009	
1/2	260	2555	
1/4	260	2127	



HIGH MB-T-1

Head Part, Dia. 150mm, with swivel spacer tabs 2mm/3.5mm/5mm/8mm/10mm

Extender, Dia. 120mm, extend height of pedestals

Adjustment Ring Diameter 115 mm Screw pitch reversed Adjust height of pedestals Base, Dia. 200mm, with drainage holes

Compression Test

Performed on the full (1/1), half (1/2) or quarter (1/4) surface

Position	Height(mm)	Breaking Loads(Lbs)	
1/1	310	2789	
1/2	310	2469	
1/4	310	2039	



Compression Test

Performed on the full (1/1), half (1/2) or quarter (1/4) surface of the head

Position	Height(mm)	Breaking Loads(Lbs)	
1/1	460	2844	
1/2	460	2489	
1/4	460	2028	



Compression Test

Performed on the full (1/1), half (1/2) or quarter (1/4) surface of the head

Position	Height(mm)	Breaking Loads(Lbs)	
1/1	625	2833	
1/2	625	2403	
1/4	625	2017	

Components & Details

Material

Polypropylene(PP), material thickness 4.5mm-6mm; Composition 90% PP, 10% talc, UV and black masterbatch; 100% recyclable

Dimentions

Head=diameter 150mm - surface area 176 cm2
Base=diameter 200mm - ground surface 315 cm2
Extender=extender diameter 120mm - adjustable height

Performance

Resisting UV rays, weather, sea salt and almost all chemicals. Temperature range: -40 degree celsius to +120 degree celsius.

Application

Support for outdoor terraces with any kind of material: timber decking, stone, ceramic, composite material, metal, fiberglass grid...

Can be placed on any stable substrate, also over insulation panels.

Compression Test

Safety Value for maximum allowable load by compression for each item:

- 1. Safety for pedestrian terrace: divide the load indicated in the table by 2 with a safety factor of -15%.
- 2. Safety for technical floors: divide the load indicated in the table by 4 with a safety factor of -15%.

Spacer Tabs

To give the desired opening between tiles (for water drainage and ventilation).
Thickness option: 2mm, 3.5mm, 5mm, 8mm, 10mm











Plughole Spacer Tabs

For polygonal tiles use

Thickness option: 2mm, 5mm, 8mm, 10mm



Shim:

Anti-slip, reduce impact, absorb shock, compensate floor thickness difference Thickness option: 1mm, 2mm





Fix Collar:

Fix and lock height after adjustment, increase stability Standard green color, Made in PP



Slope corrector from 0%-5%

Slope correctors could compensate ground fall 0%-5%, making ideal levelling surface. It is assembled on the bottom of pedestals. Clients could choose to use it or not with different installing condition.



Project Photos







