



## PRODUCT SPECIFICATION

**Manufacturer:** Big Foot Systems

**Product Name:** Mounting Platforms



### Product Summary

A simple and economical platform support solution.

### Product Description

The Big Foot Systems Mounting Platform offers a simple and economical solution for a large variety of engineering applications and non-penetrative load management.

Central M10 threaded insert located centrally on Mounting Platform. Threaded rod not included with platforms. Three types of Mounting Platforms are available.

### Features/ benefits

- Non penetrative load management.
- Cost effective, pre-fabricated support system.
- Rigid nylon foot with increased stability.
- Rubber crumb foot mat for roof finish protection.
- Versatile application, boxed for convenience.

### Standards

#### Constructed to:

- BS8000-4: Workmanship on building sites. Code of practice for waterproofing.
- BS6229: Code of practice for flat roofs with continuously supported coverings.
- Building Regulations (E & W) Part L: Conservation of Fuel and Power.
- BS EN 1850-1: Determination of visible defects.
- BS EN 1107-1: Flexible sheets for waterproofing. Determination of dimensional stability.

#### Material Specification:

- Plastic Foot: Nylon 6 B601L 30% glass fibre filled
- Galvanizing Standard: BS EN ISO 1461.
- Salt mist testing: BS EN 60068-2-52.
- Test Kb severity 1.

#### Marine Environment:

Salt mist test conducted in accordance with ASTM B117-11 to simulate an accelerated environmental test. The results validates the 10 year product guarantee issued by Big Foot Systems.

### Design Considerations

#### Design Load:

Design loads are based upon load tests carried out on the Mounting Platforms, this includes a built-in factor of safety for each. Design loads recommended by Big Foot should not be exceeded.

#### Roof Surface:

Suitable for any roof surface including but not limited to PVC membrane, mastic asphalt, insulation and concrete roof finishes.

#### Working Conditions:

Suitable for internal or external applications in temperatures between -40°C to +80°C.

#### Foot Pressure & UDL (Roof Load):

Allowable foot pressure and roof load will be subject to roof build-up, typically detailed by a structural engineer. Big Foot Systems work to a maximum foot pressure and UDL of 20kN/m<sup>2</sup> and 7.5kN/m<sup>2</sup> respectively.

#### Where to buy:

Available to buy off the shelf from any partner wholesalers across the country. The link below provides the location of every wholesalers in the UK.

[www.bigfootsupport.com/distributors](http://www.bigfootsupport.com/distributors)

### Options

#### Foot Fleeces:

Recommended use between PVC and asphalt roof membrane surfaces and the foot to prevent migration of plasticizers.

- **B9156**—Foot Fleece 305mm (12 1/64in)
- **B9157**—Foot Fleece 450mm (17 23/32in)



#### Angled Mats:

Recommended use on roof with up to 6 degree fall. Available in 2 heights for use with the 305 and 450 Mounting Platform.

#### 2.5 Degree Angled Mat:

- **B9091**—305 Angled Mat
- **B9093**—450 Angled Mat

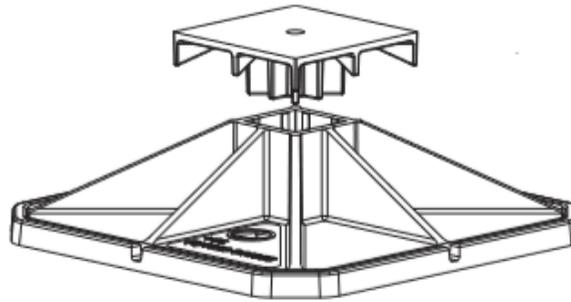


#### 5 Degree Angled Mat:

- **B9092**—305 Angled Mat
- **B9094**—450 Angled Mat

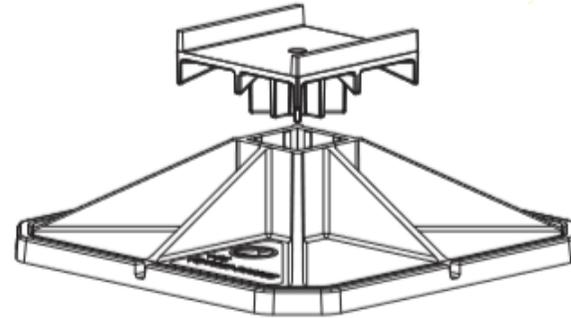


<b>B9098 - Plain Top 305</b>		
<b>2 Per Pack</b>		
Foot Size	mm	305
	Inches	12 1/64
Overall Size (inc mat)	mm	330
	Inches	12 63/64
Usable Area	mm	126 x 126
	Inches	4 61/64 x 4 61/64
Design Load	kg	300
	lbs	661



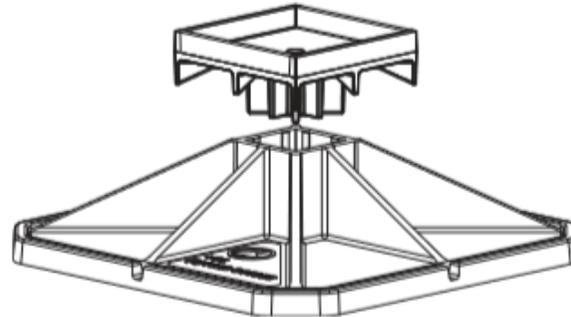
<b>B9101 - Plain Top 450</b>		
<b>2 Per Pack</b>		
Foot Size	mm	450
	Inches	17 23/32
Overall Size (inc mat)	mm	486
	Inches	19 9/64
Usable Area	mm	126 x 126
	Inches	4 61/64 x 4 61/64
Design Load	kg	500
	lbs	1102

<b>B9099 - 2 Sides 305</b>		
<b>2 Per Pack</b>		
Foot Size	mm	305
	Inches	12 1/64
Overall Size (inc mat)	mm	330
	Inches	12 63/64
Usable Area	mm	114 x 126
	Inches	4 31/64 x 4 61/64
Design Load	kg	300
	lbs	661



<b>B9102 - 2 Sides 450</b>		
<b>2 Per Pack</b>		
Foot Size	mm	450
	Inches	17 23/32
Overall Size (inc mat)	mm	486
	Inches	19 9/64
Usable Area	mm	114 x 126
	Inches	4 31/64 x 4 61/64
Design Load	kg	500
	lbs	1102

<b>B9100 - 4 Sides 305</b>		
<b>2 Per Pack</b>		
Foot Size	mm	305
	Inches	12 1/64
Overall Size (inc mat)	mm	330
	Inches	12 63/64
Usable Area	mm	114 x 114
	Inches	4 31/64 x 4 31/64
Design Load	kg	300
	lbs	661



<b>B9103 - 4 Sides 450</b>		
<b>2 Per Pack</b>		
Foot Size	mm	450
	Inches	17 23/32
Overall Size (inc mat)	mm	486
	Inches	19 9/64
Usable Area	mm	114 x 114
	Inches	4 31/64 x 4 31/64
Design Load	kg	500
	lbs	1102



M10 threaded rod not included, to be supplied by others.



Installation and application considerations should include health, safety and environmental needs, regulations and standards, codes of practice, climate conditions, installation location, product orientation, evaluation of the roof structure, composition, surface and condition, ancillary and complimentary products and materials. Big Foot Systems recommend that all rooftop products are handled and installed by suitably qualified persons. All scheme designs are based on the use of Big Foot Systems' products and materials only.  
Terms and conditions available on request

TITLE:  
Mounting Platform Product  
Specification Sheet

DWG No.  
BFT-MTP.dwg

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