



## PRODUCT SPECIFICATION

**Manufacturer:** Big Foot Systems

**Product Name:** Rapid Walkway



### Product Summary

Non-penetrative access walkway around plant installations on flat roofs

### Product Description

The Big Foot Systems Rapid Walkway is ideal for establishing a safe path around installations on a flat roof. The Rapid Walkway consist of a GRP top that is non-slip in any weather, supported on Big Foot Fix-it Foot 1m throughout.

For additional clearance height, the Big Foot High Bloc 1m fits underneath the Fix-it Foot, allowing the user to increase the clearance height by an additional 120mm (4 23/32in).

### Features/ benefits

- Non penetrative load management.
- Cost effective, flat packed access solution.
- Safe non-slip GRP walkway.
- Flexible solution, stocked in 3 sizes.
- Durable recycled rubber Fix-it Foot.
- Quick to install, robust and secure.

### 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:

- Hot dip galvanized carbon steel: BS EN 10219-1. Welding standard: BS EN ISO 15614-1.
- Galvanizing Standard: BS EN ISO 1461.
- Aluminium alloy 6061.
- Rubber crumb foot: SBR recycled rubber BS 7188 and BS 5696-3
- Salt mist testing: BS EN 60068-2-52.
- Test Kb severity 1.

### Design Considerations

The gritted GRP is fitted to the Fix-it Foot aluminium with M-clips, M10 bolts and channel nuts. The Fix-it Foot channel mimics industry standard 41x41mm (1 39/64 x 1 39/64in) or 41x21mm (1 39/64 x 53/64in) Unistrut channels, allowing for mechanical fixing of standardised bolts and channel nuts.

#### Clearance Height:

Standard Rapid Walkway height from roof level to top of GRP grid is 121mm (4 49/64). The height can be increased with the Big Foot High Bloc to 241mm (9 31/64). Note that the non-slip GRP grating has a thickness of 25mm (63/64).

#### Weather Conditions:

Suitable for use on roof in all weather conditions.

#### 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.

#### Marine Environment:

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

#### 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/m2 and 7.5kN/m2 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.

<http://www.bigfootsupport.com/distributors>

### Options

#### Foot Fleeces: B9369—Foot Fleece 1000mm (39 3/8in)

Recommended use on PVC and asphalt roof finishes, to prevent migration of plasticizers between the roof and rubber foot.

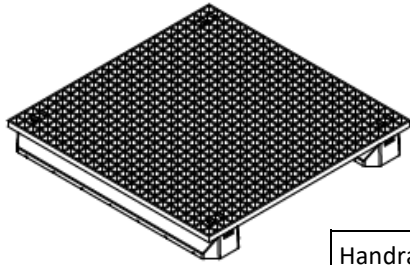


#### High Bloc: B6973—High Bloc 1000mm (39 3/8in)

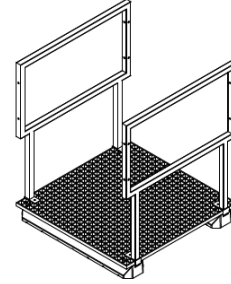
Fits underneath the Fix-it Foot for additional clearance height.



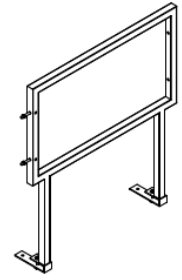
<b>B9105 - Rapid Walkway 1m</b>		
Length	mm	996
	Inches	39 7/32
Width	mm	1000
	Inches	39 3/8
Height	mm	121
	Inches	4 49/64
Weight	kg	32
	lbs	71



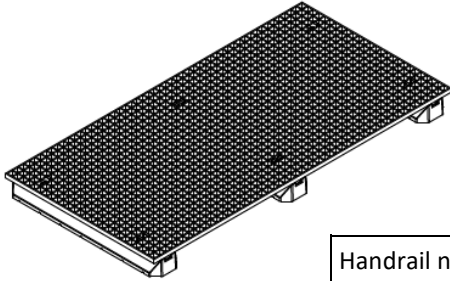
Handrail not included



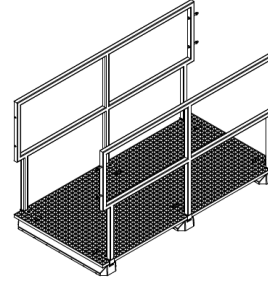
<b>B9111 - Handrail 1m</b>		
Length	mm	1000
	Inches	39 3/8
Box Section	mm	40 x 40
	Inches	1 37/64 x 1 37/64
Height	mm	1100
	Inches	43 5/16
Frame Weight	kg	13
	lbs	29



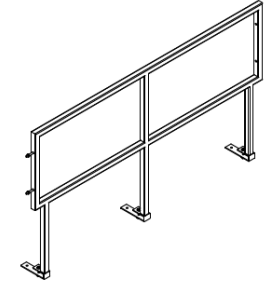
<b>B9106 - Rapid Walkway 2m</b>		
Length	mm	1985
	Inches	78 5/32
Width	mm	1000
	Inches	39 3/8
Height	mm	121
	Inches	4 49/64
Weight	kg	54
	lbs	119



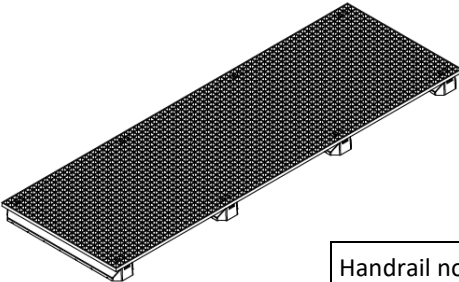
Handrail not included



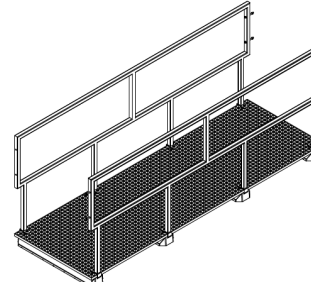
<b>B9112 - Handrail 2m</b>		
Length	mm	2000
	Inches	78 47/64
Box Section	mm	40 x 40
	Inches	1 37/64 x 1 37/64
Height	mm	1100
	Inches	43 5/16
Frame Weight	kg	22
	lbs	49



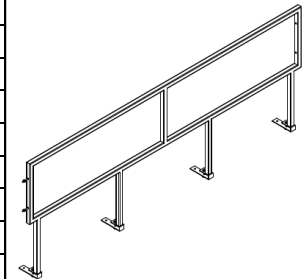
<b>B9107 - Rapid Walkway 3m</b>		
Length	mm	3010
	Inches	118 1/2
Width	mm	1000
	Inches	39 3/8
Height	mm	121
	Inches	4 49/64
Weight	kg	77
	lbs	170



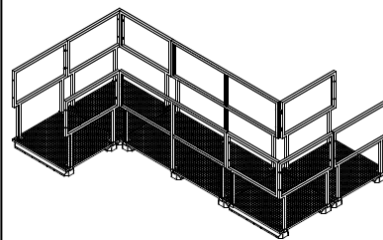
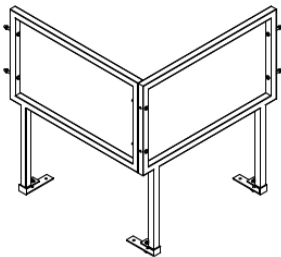
Handrail not included



<b>B9112 - Handrail 3m</b>		
Length	mm	3000
	Inches	118 7/64
Box Section	mm	40 x 40
	Inches	1 37/64 x 1 37/64
Height	mm	1100
	Inches	43 5/16
Frame Weight	kg	30
	lbs	66



<b>B9104 - Corner Handrail 1m</b>		
Length	mm	1000
	Inches	118 7/64
Box Section	mm	40 x 40
	Inches	1 37/64 x 1 37/64
Height	mm	1100
	Inches	43 5/16
Frame Weight	kg	23
	lbs	51



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:  
Rapid Walkway Product  
Specification Sheet

DWG No.  
BFT-RPW.dwg

THIS DRAWING IS COPYRIGHT AND  
THE PROPERTY OF BIG FOOT SYSTEMS LIMITED

