



PRODUCT SPECIFICATION

Manufacturer: Big Foot Systems

Product Name: Swan Necks



Product Summary

Weatherproof penetration cable and pipe work

Product Description

Swan Necks

The Big Foot Systems Swan Neck offers a protective solution when penetrating the roof with cable or pipe runs. The Swan Neck makes a full seal with the roof membrane. Made from lightweight aluminium. Six sizes of Swan Necks are available.

Features/ benefits

- Full Hood to protect against rain ingress.
- Cost effective, pre-fabricated support system.
- Versatile range of sizes.
- Boxed for convenience.

Design Considerations

Roof Surface:

Suitable for any roof surface but not limited to including 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/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 UK based wholesalers. www.bigfootsupport.com/distributors

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:

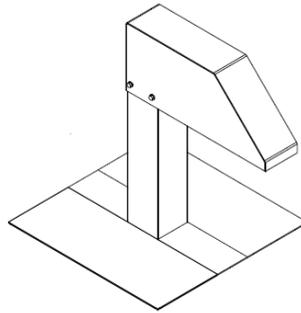
- Aluminium alloy 6061
- Welding standard: BS EN ISO 15614-1.
- Salt mist testing: BS EN 60068-2-52.
- Test Kb severity 1.

Marine Environment:

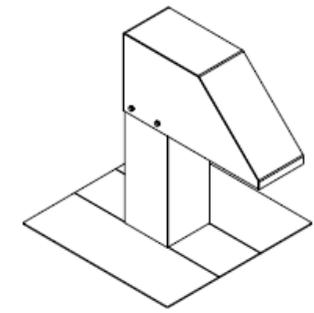
Salt mist test conducted in accordance with ASTM B117-11 to simulate an accelerated environmental test. The results validates the 10 year product guarantee issued by Big Foot Systems.



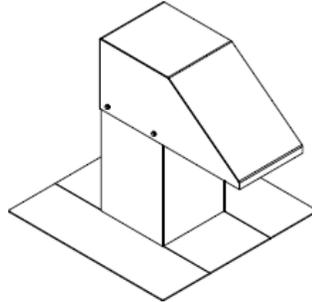
B9154 - Square Small		
1No of Outlet		
Outlet Size	mm	75 x 75
	Inches	2 61/64 x 2 61/64
Height	mm	484
	Inches	19 1/16
Weight	kg	1.91
	lbs	4.20



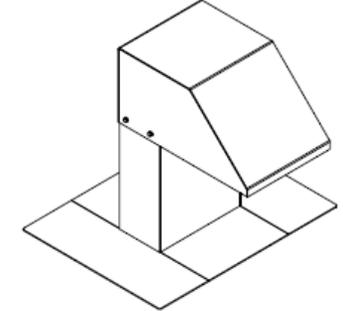
B9148 - Square Medium		
1No of Outlet		
Outlet Size	mm	125 x 125
	Inches	4 59/64 x 4 59/64
Height	mm	484
	Inches	19 1/16
Weight	kg	2.7
	lbs	5.95



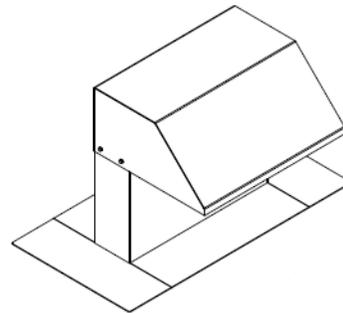
B9149 - Square Large		
1No of Outlet		
Outlet Size	mm	200 x 200
	Inches	7 7/8 x 7 7/8
Height	mm	484
	Inches	19 1/16
Weight	kg	3.7
	lbs	8.16



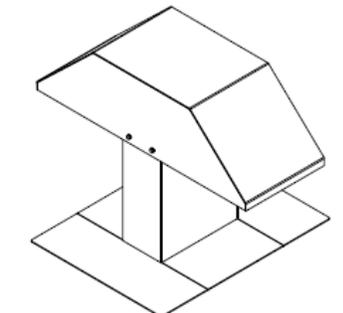
B9150 - Oblong Small		
1No of Outlet		
Outlet Size	mm	125 x 250
	Inches	4 59/64 x 9 27/32
Height	mm	484
	Inches	19 1/16
Weight	kg	3.6
	lbs	7.94



B9151 - Oblong large		
1No of Outlet		
Outlet Size	mm	125 x 500
	Inches	4 59/64 x 19 11/16
Height	mm	484
	Inches	19 1/16
Weight	kg	5.6
	lbs	12.35



B9152 - Oblong Double		
2No of Outlet		
Outlet Size	mm	125 x 250
	Inches	4 59/64 x 9 27/32
Height	mm	484
	Inches	19 1/16
Weight	kg	4.3
	lbs	9.48



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:
**Swan Neck Product
Specification Sheet**

DWG No.
BFT-SWN.dwg

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