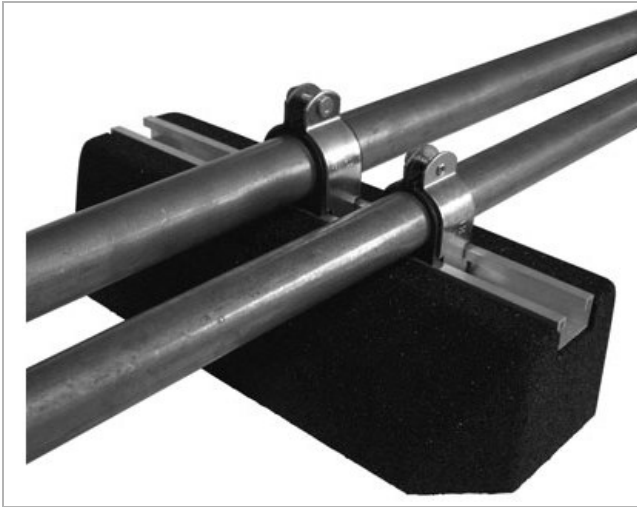




Fix-it Foot System

FIF



Description

The Fix-it Foot offers a neat and simple solution for supporting ancillaries including ducts, pipes, cable trays and most major manufacturer's mini split condensing units.

Fix-it Foot are available in four sizes, each has a 40 mm x 20 mm aluminium channel recessed into the top face allowing fixing of the services resting across the feet.

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
- Rubber crumb foot: SBR recycled rubber BS 7188 and BS 5696-3
- Salt mist testing: BS EN 60068-2-52.
- Test Kb severity 1.



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Dimensions

Length	Width	Height	Weight	Design Load
250mm	180mm	95mm	2.4kg	82kg
400mm	180mm	95mm	3.5kg	128kg
600mm	180mm	95mm	5.8kg	224kg
1000mm	180mm	95mm	9.9kg	295kg

Design Considerations:

Aluminium channel securely anchored to the top of every Fix-it Foot for easy method of fixing. The channel mimics industry standard 41x41mm (1 39/64 x 1 39/64in) or 41x21mm (1 39/64 x 53/64in) strut channels, allowing for mechanical fixing of standardised bolts and channel nuts.

Design Load:

Design loads are based upon rigorous load tests carried out for every Fix-it Foot and High Bloc variation, which includes a built-in factor of safety for each. Design loads recommended by Big Foot should not be exceeded.

Wind Loading:

Suitable for wind protected environments only.

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.