

Roof-Pro

Building Services Supports

Roof-Pro non-penetrative, free-standing supports for building services are tailored to individual project requirements and are fully warranted.

Also available is the Sure-Foot standard range of roof plant and services supports, meeting the growing demand for off-the-shelf, lightweight support solutions.



Roof-Pro

Building Services Supports

Roof-Pro free-standing, engineered solutions facilitate the support of building services on flat roofs, without the critical drawback of penetrating the building's protective waterproofing membrane. These cost-effective, pre-fabricated solutions ensure that future maintenance can be easily carried out, helping to increase the lifespan and performance of the roof.

Roof-Pro supports and access systems address on-site factors such as type of roof finish and wind-load, along with space constraints and are available in two distinct ranges.

Roof-Pro Bespoke Solutions – A design-led range of building services supports and access solutions that are tailored to meet individual project requirements.

Sure-Foot Standard Range – Standard roof plant and services support products that meet the growing demand for off-the-shelf, lightweight support solutions. The range includes components, support frames and edge protection systems.

Roof-Pro Systems

Designed Solutions

Roof-Pro support systems are tailored to meet the requirements of each individual roof structure utilising both standard and bespoke designs. Stability, weight distribution and building clearance are just some of the key factors taken into account by the Roof-Pro design team.

Non-Penetrative

Services supports and access systems are quick to install and are simply positioned on the roof finish without penetrating or damaging the membrane. This facilitates airtight envelope design and eliminates cold bridging (Building Regulations Part L).

Stability and Load Management

Calculations of services stability are produced, including wind loadings. Supports are designed within the structural and waterproofing assembly limits set by the structural consultants.

Building Clearance

Design considerations include vertical and horizontal clearance for safety, aesthetics and future roofing maintenance purposes.

Lifecycle

Versatile solutions address the long-term needs of the roof and its services. Vulnerable penetration detailing is eliminated and building services and equipment are supported above the finished level of the roof providing clearance. This facilitates maintenance and re-roofing without expensive decommissioning of building services.

Warranty

The typical warranty period for Roof-Pro fully designed support and/or access systems is 20 years.

Sure-Foot Systems

Standard Range

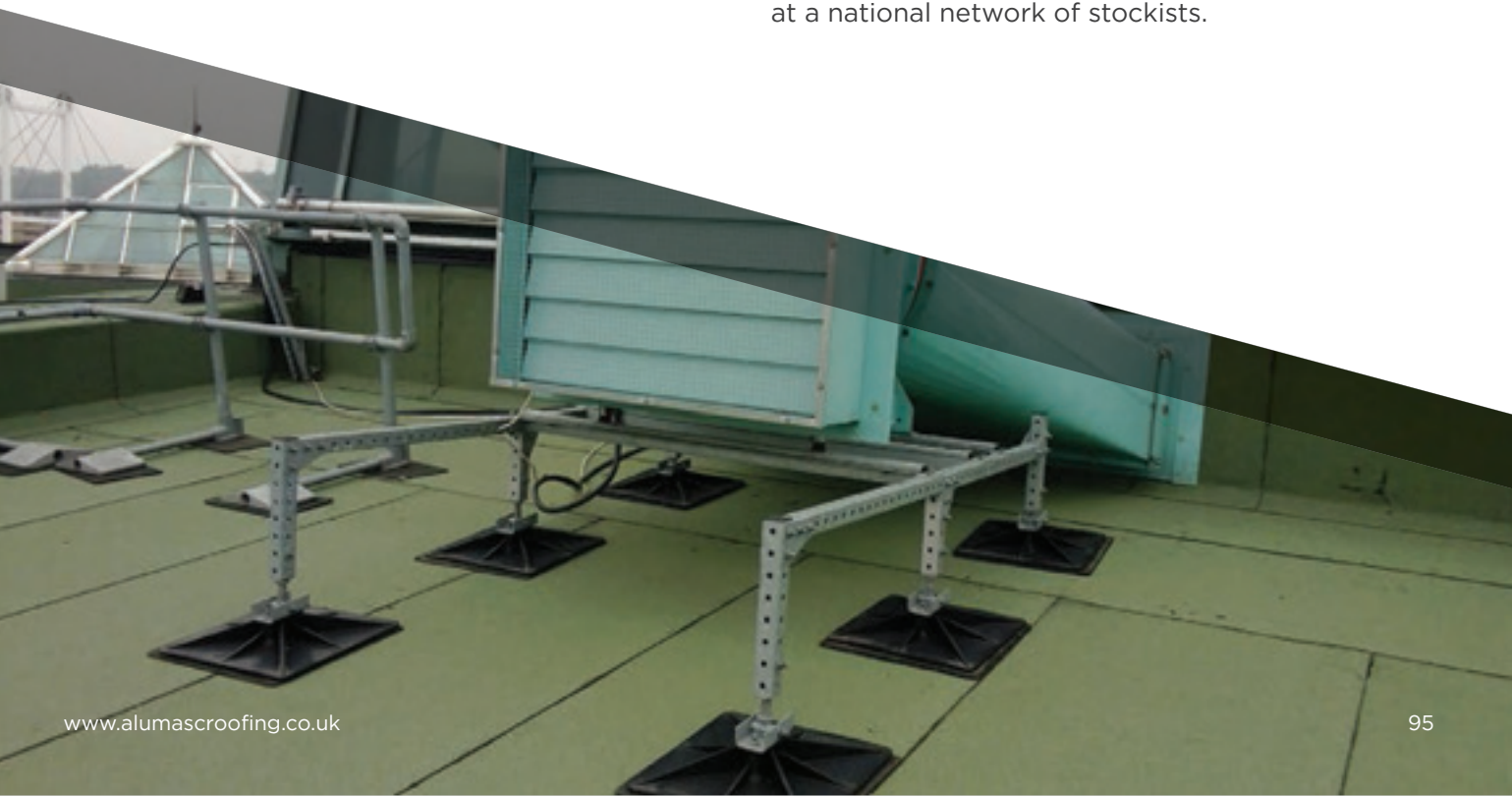
Sure-Foot building services supports and edge protection systems have been created to provide simple, cost-effective solutions that are quick and easy to install. This standard range removes the need for complex detailing and/or bespoke designs.

Non-Penetrative

Supports do not penetrate or damage the waterproofing membrane over which they are installed.

National Stockists

Sure-Foot products are available over the counter at a national network of stockists.



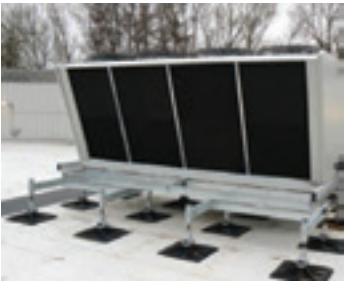
Roof-Pro Support Systems

Non-penetrative building services supports

Large Unit Supports

Large, heavy building services units such as chillers, water tanks, air handling units, plant rooms etc., require a fully engineered support solution that works with the roof design in order to manage the distribution of the unit's fully-loaded weight.

The Roof-Pro POD arrangement is a non-penetrative solution, designed to work within the structural parameters of the roof. It utilises a galvanised steel 'H-Frame' arrangement, facilitating the distribution of point loads over four inter-connected support bases.



Condenser Unit Supports

Roof-Pro's PF condenser unit support frames are available in a number of standard sizes and designs. Bespoke solutions are available for more complex project requirements.

Each support solution is non-penetrative and ensures maximum wind stability and effective load management. A minimum building clearance is recommended to allow for future roof maintenance. The PF range is complemented by smaller DX units, as well as larger VRV and VRF systems.



Pipe and Duct Supports

Roof-Pro offers a range of non-penetrative support systems that are suitable for all sizes and types of pipe and ductwork runs. For multi-service runs (e.g. duct, pipe and cables), pipe and duct support can be provided as well as additional bracing.

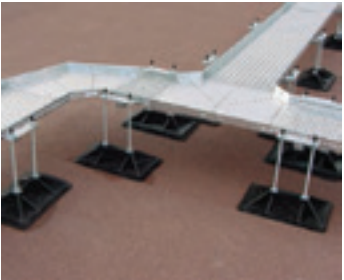
Pre-fabricated and galvanised supports save considerable time on site for the installation team, enabling them to support building services runs quickly and efficiently.



Cable Supports

Roof-Pro non-penetrative cable management solutions support cable trays, cable ladders and combined service runs. For small cable volumes, TAB-C supports have a single, broad TAB base to support tray and ladder runs. For medium cable volumes TAB-C supports are available with two TAB bases, with an open-channel beam.

For the largest runs, DPK supports with pivoting legs and bases can be adapted on site. They allow for multiple building services runs (e.g. cable, duct and pipe) to be combined in one support solution.



Roof-Pro Access Systems

Clear and safe solutions for flat roofs

Access Walkways

Roof-Pro walkway systems are customised to the roof layout, offering unimpeded pedestrian access to congested areas. They are non-penetrative and free-standing and are fabricated to include guard rails and open mesh flooring made from galvanised mild steel. They include support bases which provide easy positioning and levelling.

Roof-Pro access walkways comply with all Health and Safety requirements for working at height, and CDM responsibilities for those required to be on the roof.



Step-overs

Roof-Pro step-over systems provide service engineers, trades and other personnel required to visit the roof area, safe and free movement. They ensure avoidance of any impeding features that may cause injury, providing safe access areas and routes.

Roof-Pro non-penetrative support bases form part of the step-over solution, providing easy positioning and levelling. These pivoting and threaded bases can be adjusted on site and moved easily for maintenance access.



Access Platforms

Roof-Pro access platforms are designed to allow building services engineers unimpeded, secure and safe access to the mechanical units on the roof in order to carry out necessary inspections and maintenance.

These free-standing platforms are secure and stable, and non-penetrative. They are manufactured using hot-drip galvanised components and cater for on-site levelling via Roof-Pro threaded support bases which elevate the platform to the required height.



Sure-Foot Components and H Frames

Standard support systems

Sure-Foot Base

Base Only – The Sure-Foot base is supplied as a single unit, enabling contractors to create their own bespoke support solutions. It is fully compatible with a 41 x 41mm open channel and is supplied with a 4mm bonded rubber mat.

Sure-Foot Base and Leg – A complete leg assembly that facilitates adjustment between a target height range of 260-390mm. As with the Base Only, a 4mm bonded rubber mat is included to protect the roof surface.



Click-Foot

Click-Foot is a versatile Sure-Foot component that can be used to form a bespoke services support solution. Product dimensions per unit are 180 x 250mm.

Click-Foot connects together in increments of 250mm and is compatible with a 41 x 41mm open channel.



Sure-Foot Roof Blocks

Roof Block is a simple and cost-effective rooftop support. It delivers a durable, environmentally conscious solution, being manufactured from recycled rubber.

Roof Blocks are quick to install and are used to support pipework, ducts and cables.



Sure-Foot H Frames

A simple support system, ideal for use with ductwork, pipework and cable trays. Sure-Foot H Frames are supplied with adhered rubber mats for optimum roof protection and offer excellent load distribution.

Bases, L brackets, bolt sets and lengths of 41 x 41mm open channel with end caps form the upright and horizontal supports. Complete H Frames or H Frame Kits (H Props) are available.



Modular Frames and Edge Protection

Standard support sections and edge protection

Sure-Foot Standard Modular Frames

Standard Modular Frames – an effective support option for various types of roof plant. Each frame comes complete with a 41 x 41mm open channel, along with a choice of adjustable Sure-Foot leg assemblies. The Extender Frame comes with 2 additional Sure-Foot leg assemblies to create custom solutions for supporting building services units.

Long Span Modular Frames – used for the support of larger, wider building services units. They differ from the Standard Modular Frames in that 2m Heavy Duty Channel Sections are provided with these frames.



Guardrail Edge Protection Systems

Sure-Foot Guardrail is available in 4 compatible systems that provide fall protection measures suited to particular roof edge conditions. They are lightweight and are supplied in kit form for quick installation.

Guardrail Freestanding – installed using a counterbalance weight to provide the requisite stability for a freestanding system.

Guardrail Parapet – for roofs where the existing parapet wall does not provide adequate fall protection.

Guardrail Topfix – mechanically secures directly to the top of a wall or coping and can be used to permanently protect open edges to stairwells, open shafts, or loading bays.

Guardrail Folding – offers the benefits of the Freestanding system but also folds down flat onto the roof when not in use.

