Product and Design Guide

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Inclined Monorail Systems and BMU Cradles
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Introduction to Rostek-UK

About Rostek

Operating internationally for over twenty-five years, Rostek specialises in the development of solutions that enable operatives to work safely at height. We are a multimillion pound turnover organisation and one of the largest work at height specialists in Europe.

Rostek-UK is The Total Solution Provider

As a total work at height solution provider, we cater for everyone, from Architects requiring a design service for complex Façade Access equipment on a 50-storey tower, to Commercial Property Agents being certain that their clients buildings comply with legislation. Whatever you need, Rostek’s individually tailored systems fit the bill.

Rostek-UK Structure

The company has four operational divisions - Rostek Consultancy, Rostek Façade Access Systems, Rostek Fall Protection Systems, Rostek Testing & Maintenance - and our expert designers, project managers, installation engineers and trainers work together to ensure you and your team can work safely at height.

The Perfect Partnership

Developers, Architects, Engineers and Main Contractors, through to Landlords, Property Agents and Facility Managers all benefit from Rostek’s expertise.

Our national coverage and extensive resources ensure your buildings have sufficient and appropriate equipment for safe working at height. We can also ensure that your equipment is maintained to the highest standards possible and your staff, both managerial and operational, are trained to work competently at height. Our responsive and professional service can be tailor-made to suit the needs and architecture of any project - from new to listed buildings.

Get in Touch.

Whether your building is 5 or 50 storeys high, Rostek-UK is the total solution provider for all your work at height needs. Read on for more information about our products and services, or contact us today for more detailed information.

Total Solution Provider

- Design
- Supply
- Install
- Test & commission
- Train
- Operate
- Maintain
Top Left: A Rostek Inclined Monorail at St Pancras International Railway Station, London.
Top Right: A Rostek-UK roofsafe rail system.
Bottom Left: A Rostek Inclined Monorail at Birmingham New Hospital.
Bottom Right: A Rostek-UK BMU at Beethams Hilton Hotel, Manchester.
The Health and Safety Executive’s (HSE) target is to reduce the number of fatal and major injuries due to falls from height. Rostek-UK has forged strong links with the HSE and is fully informed of the duties placed on those responsible for work at height – information we are ideally placed to pass on to clients.

**Construction (Design & Management) Regulations 2007**

In 2007 the Construction (Design & Management) Regulations (CDM) came into force.

These regulations place the responsibility upon designers to ensure that any risks associated with post-construction maintenance activities are clearly identified and appropriate steps are taken to either design-out these risks or to reduce them to acceptable levels. These obligations include protecting maintenance workers from the risk of falls from height.

**Work at Height Regulations 2005**

April 2005 saw the addition of the new Work at Height Regulations, which are intended to pull together various legislations covering work at height.

The new regulations extend beyond construction related activities to encompass a wide range of industries and work types. They place a duty of care on anyone responsible for directly employed staff or subcontractors who work in areas where there is a risk of a fall that could result in serious personal injury.

The Work at Height Regulations 2005 state:

“work at height” means -
(a) work in any place, including a place at or below ground level;
(b) obtaining access to or egress from such place while at work, except by a staircase in a permanent workplace,

Where, if measures required by these Regulations were not taken, a person could fall a distance liable to cause personal injury;

The Work at Height Regulations 2005 requires duty holders to ensure that:

**All work at height is properly planned and organised**

**Anyone involved in work at height is competent**

**All risks from work at height are assessed and appropriate work equipment is selected and used**

**All equipment for work at height is properly inspected and maintained**

Building Owners, Property Managers and Facility Managers are just a few of those now held responsible for safe working at height.

Your time is precious, so why not let our experts make sure you don’t fall foul of the legislation?

**Specialist knowledge**

The CDM, CHSW and Work at Height regulations are just part of a series of complicated legislation governing the protection of individuals working at height. Rostek’s specialist knowledge of these regulations is second to none and our experts will prove to be an essential part of your team.
The Rostek-UK Zero Harm Action Plan

Construction has the largest number of fatal injuries of the main industry groups. In 2008/09 there were 53 fatal injuries giving at rate of 2.5 per 100 000 workers.

Relative to other industries, a higher proportion of reported injuries were caused by falls from height, falling objects, contact with moving machinery, collapses/overturns and electricity.

We cannot accept that this is just the nature of the business.

Our aim is to continue to achieve Zero Harm across our business through to 2012.

For more information on Zero Harm, Visit our website - www.rostek-uk.com
The key to safe and efficient systems for working at height is the anticipation of all necessary building maintenance activities early in the design process before construction commences.

Rostek-UK understands that determining which areas of a building’s envelope will require regular maintenance is an essential part of the design process. Only when these are known and the frequency of work is established is it possible to select the most appropriate access system.

For existing buildings, this means assessing the maintenance activities currently being undertaken, and cross-referencing them with any systems for compliance with equipment standards, to ensure they provide safe access to all required areas.

From conception to construction

Rostek-UK work closely with designers to provide advice on the most appropriate Façade Access & Fall Protection systems for their building. The term ‘designers’ encompasses both individuals and organisations that carry out design work and may include:

- Architects
- Consulting Engineers
- Quantity Surveyors
- Main Contractors
- Specialist Contractors

Our Design & Specification service ensures all systems, proposed or otherwise, comply fully with relevant legislation, including European and British Standards and guidelines implemented by the Specialist Access Engineering and Maintenance Association (SAEMA), Industrial Rope Access Trade Association (IRATA), Construction Industry Research and Information Association (CIRIA) and the Health and Safety Executive (HSE).

Design Considerations

A number of factors affect the selection of equipment for safe work at height. When considering a systems design our experts always take the following parameters into account:

- What areas of the buildings facades and roofs require access?
- What works will be carried out in these areas?
- What frequency will these works be carried out to?
Selecting Equipment

Once our designers understand the maintenance requirements of the building, they will work as part of your team to select the most suitable system. Selection of equipment is based on a set of established principles, or a ‘hierarchy of risk’. As with all designers we have a legal duty to minimise risk and give collective protection systems priority over personal protection systems. The table (right) is a broad guide to selection.

Completing your Design & Specification

Following the initial detailed consultation period, our designers will have established the most appropriate Façade Access and Fall Protection equipment to undertake the required ongoing maintenance activities on your building. Rostek-UK will then prepare for you a design & specification pack comprising:

- General arrangement drawings, detailing the position and layout of equipment relative to the building
- Drawings of the proposed equipment, including fixing details back to the structure
- Relevant NBS N25 clauses completed
- A budget quotation listing all available options and the advantages/disadvantages of each

Lifetime support through CPD

Rostek-UK is committed to helping designers create buildings that combine safe and efficient maintenance systems with architectural success. To achieve this, we have developed a programme of Continuing Professional Development (CPD) seminars covering the design and installation of Façade Access and Fall Protection systems.

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Consultancy

Rostek Consultancy Service

It's not a surprise that in an age of such rapid change to work at height equipment, standards and legislation, more and more leading Building Owners, Property Agents and Architects are turning to the services of Rostek-UK.

Our consultants provide expert advice on the safety, suitability and compliance of work at height equipment, management controls on existing buildings and the design and specification of Façade Access and Fall Protection systems on new buildings.

Their knowledge and expertise will ensure you have complete peace of mind that work at height is being undertaken safely, efficiently and in accordance with the applicable legislation.

New Buildings

Working with many of the country’s leading Architects, Rostek’s consultancy service assists the design team to establish the safest and most appropriate design for both Façade Access and Fall Protection equipment.

Having established the future maintenance requirements of the building’s façades and roof top plant and equipment, our designers will guide you through a set of established principles in order to arrive at the optimum solution for your building’s access requirements.

We will then prepare conceptual or schematic drawings along with a detailed specification of the required equipment in a format of your choice. If necessary, we will also provide costing for budgetary purposes.

Existing Buildings

Due to the complexity and specialist nature of the equipment, processes and training required to work safely at height, standard health and safety checks are often unable to identify risks that may be present.

Rostek’s surveyors are specially trained to identify specific hazards relating to work at height. For building owners and property managers, our consultancy service provides a unique work at height audit to ensure existing systems and controls comply with current legislation.
Rostek-UK Work at Height Audit

In general terms when undertaking the work at height audit process, our surveyors will be focusing on the following critical areas:

- **Façades and roofs where inspection, cleaning, maintenance and repair work is undertaken.**

- **The actual work activities carried out in these areas.**

- **The frequency of the work activities being carried out.**

- **The Façade Access and Fall Protection equipment installed to identify:**
  - Does the equipment comply with current standards?
  - Does the equipment provide appropriate and adequate access to safely carry out work activities, including access and egress, in line with legislation?
  - Does the equipment have a valid test certificate?
  - Does the equipment have an appropriate ongoing inspection and re-certification programme in place?

- **The effectiveness of any permit to work systems in place.**

- **Whether the client’s staff have received appropriate training and are certified as competent to manage and undertake work at height safely.**

When our auditors have completed the survey they will prepare and submit to you the work at height audit report, which will highlight clearly any areas of potential exposure, along with a prioritised list of remedial works required to bring the building into line with legislation. In addition, we will submit a costing summary to enable budgets to be allocated against each work item. All audit reports are submitted in a user-friendly format to aid non-specialist decision-makers.
Facade Access Systems

For today’s sophisticated building façades to look and perform at their best it is essential they are inspected, cleaned and if necessary repaired on a regular basis.

Rostek’s Façade Access division specialises in the design and installation of suspended and fixed access systems, which enable high level maintenance activities to be undertaken safely and efficiently.

By working with you from an early stage, our system designers are able to provide Façade Access systems that blend seamlessly with the building’s architecture.

Above: A Rostek-UK Trained Rope Access Operative at work.

Above: A Rostek Inclined Monorail System and a 2-hoist BMU Cradle.
Rostek-UK Façade Access equipment falls into two main categories:

- Permanent Access Systems
- Personal Suspension Systems

Rostek permanent access systems

Rostek’s permanent access systems comply with BS EN1808 and BS 6037 and can be classified as either suspended e.g. building maintenance units or fixed e.g. travelling gantries.

Rostek personal suspension systems*

Rostek’s personal suspension systems comply with BS EN795 and BS 7985 and include tracks and anchorages designed for use with rope access techniques.

Collective systems must be given priority over personal protection systems wherever possible.

*Rostek’s Façade Access systems comply with all relevant British and European Standards. Within the guidelines of the Work at Height regulations 2005, collective systems must be given priority over personal protection systems wherever possible.

Above: A Rostek Inclined Monorail System at the Great Nothern Tower, Manchester.
Facade Access Systems

Rostek-UK BMU
Roof Machines
(Building Maintenance Units)

Mounted permanently at roof level, a BMU is the safest and most complete form of suspended access system, providing full lateral, horizontal and vertical movement of the working platform. Rostek’s BMUs provide hoisting heights of up to 400m and jib outreach up to 35m, enabling safe access to even the tallest and most complex building façades.

The cradles have a typical working load limit of 250kg, although additional loads can be designed into the systems to facilitate glass replacement winches for future maintenance of the building.

Rostek-UK offers a range of BMU machines that can either be fixed position or running on anchored or free-laid tracks.

Alternatively, we provide trackless machines that can travel on a concrete surface with the aid of a guide rail, enabling the terrace area to be utilised for pedestrian access.

All of our machines are CE approved and are manufactured in accordance with European Standard EN1808 incorporating fully counterweighted designs to ensure complete stability in all working load conditions.

Our machines are manufactured from hot dipped galvanised steel and aluminium cladding, complete with a paint finish in a range of RAL colours.

Our ergonomically designed cradles provide a safe and comfortable work environment with widths ranging from 2.0m to 7.2m.

Rostek-UK BMU Systems

System Economy: BMU Machines can be an expensive option, so do not necessarily represent the most economical solution.

Ease of Installation: BMU systems can be very easy to install when using free-lay tracks. Some interaction with the roof structure may be required. Cranes are usually required for installation.

System Safety: BMUs represent the safest possible way to maintain a facade. No rigging or de-rigging procedures are required for operation, so minimal training is required for operatives.

Above: A standard Rostek-UK Compact Crane BMU Machine.
Rostek-UK Roof Trolley BMU

On buildings with few projections, such as balconies or terraces, or where it is possible to position the track on the roof edge, Rostek’s Roof Trolley System is a low profile, very easy to use and a cheaper solution compared to fully counter-weighted BMU Systems.

The Trolley unit runs on twin aluminium tracks positioned directly over the parapet (the front track is generally set back by 100mm to ensure it is not visible from the ground).

The typical weight of our lightweight Roof Trolley is 500 kg, making it suitable for lightweight roof and façade structures.
Facade Access Systems

Rostek-UK
Compact BMU
Machine

On buildings with few projections, such as balconies or terraces, or where it is possible to position the track close to the roof edge, Rostek’s compact crane BMU will cover most requirements, with an outreach of up to 15m.

Each machine is completely counterbalanced and incorporates a rotating head to ensure the cradle remains parallel to the building face at all points.

Below: An example of a Rostek-UK Compact BMU painted to suit the plant room. Any of our BMUs can be painted or powder coated to any RAL colour required.
Rostek-UK Complete BMU Machine

The complete crane machine is suitable for buildings that have larger terraces and more complex façades. Boasting an outreach of up to 35m, they can cope with the majority of situations.

With their base and running gear being similar to the compact machines, they can travel on twin steel tracks, or alternatively they can operate from a fixed position.

Depending on the specific characteristics of the building, the jib can be either fixed or telescopic.

A large telescopic BMU Machine mounted centrally on a square roof. This machine required no track as it could reach all edges of the building using it’s telescoping jib, while centred on the roof.
Rostek-UK Special BMU Machine

For buildings with particularly challenging façade features, like large towers, parapets or screens, Rostek-UK can incorporate a variety of bespoke functions into its machines to overcome the most demanding situations.

Turrets can be added into the jib ends to allow the cradle to pass over high obstacles without the need for luffing jibs, alternatively machines with articulating “knuckle” jibs can be supplied to allow the cradle to reach around the obstruction.
Rostek-UK Pantographs

To enable access to façades beneath projections, such as soffits or brise soleil shading, or into recesses, our machines can incorporate a special pantograph unit, which enables the cradle to maintain close contact with the building façade.

The photos to the right and below illustrate the pantograph in its closed and open positions.
Rostek Monorail Systems

Rostek’s monorail system comprises an aluminium track complete with either single or double suspension trolleys. We have a very wide range of monorail products and can offer the best strength/price ratio on the market.

Our 8 different monorail profiles can be installed with bracket spans of 2.5m to 5.0m, depending on the rail used. The monorail brackets can be roof, face or soffit mounted.

For inclined systems we offer the famous patented ROSLIFT system that can climb even vertically with full load.

Designed to blend with the architecture, each of our monorails are offered with a natural anodised finish as standard, but can be powder coated to a RAL colour of your choice.

Our monorails are used in conjunction with a Rostek 2-hoist demountable BMU Cradle, the hoists enable vertical movement up and down the facade.

Rostek suspension trolleys allow the cradle to traverse along the façade. These trolleys can be either manual or motorised, depending on the application and project budget.

Rostek Monorail Systems

System Economy: Monorail Systems are normally much cheaper than a BMU roof machine, and are a mid range option in terms of cost.

Ease of Installation: The monorail will blend in with the structure and with the Architect’s vision of the building. Brackets usually fix to the main structure and penetrate the cladding.

System Safety: Monorails are a very safe way to maintain a facade, but require slightly more training to use due to the rigging or de-rigging procedures.

Right: A Rostek Inclined Monorail System and 2-Hoist BMU Cradle.
Rostek Inclined Monorail Systems

Incorporating the unique Rostek Roslift Climbing Trolley (patented), our Inclined Monorail System can be fixed at any angle of incline, even vertically.

Our unique RS127 and RS137 monorails operate in conjunction with our patented Roslift climbing trolley to provide access to curved, sloped or tapered façades and can be fixed to an incline of any angle including vertical.

Our Inclined Monorail Systems fulfil all latest safety regulations including EN1808.

The Roslift operates using friction between its wheels and the track. The system has been designed to work in all weather conditions, even on wet or frosty tracks, making Roslift an effective solution all year round.

RS127 and RS137 can incorporate horizontal twists and curves to match even the most demanding architecture.

As the system is friction based, the aluminium monorail will be supplied with a mill finish as standard. Natural anodised finishes can also be provided if required.

A reasonable wear of the aluminium track is typical for all friction-based trolley systems, but our unique wheel system has reduced this to an absolute minimum.

Our CE Type Approval Certificate confirms a life span of 1,000 cycles, corresponding to a 100 year life span if your building is cleaned 10 times per year.

Right: A Rostek Inclined Monorail System.
Facade Access Systems

Rostek Horizontal Monorail Systems

The Rostek Monorail System for facades is a patented product family including the RS111, RS133, RS133D and RS166 monorail profiles. These monorails will cover almost any application and can achieve bracket spans of between 2.0 and 5.5 metres.

We also offer a unique solution, allowing a travelling gantry and suspended cradle to operate simultaneously, passing each other freely on the same track.

Our monorails are normally top-fixed but also provide side fixing. This allows us to offer aesthetically pleasing solutions to match the architecture, all at extremely competitive prices.

When used with our CE approved two-person cradle unit, it can be installed at up to 3.2m centres, although wider spans can be achieved with lighter loads.

RS133D is our new monorail system which shares a very similar profile to RS133, but has no slot for side mounting. Removing this slot results in a much stronger rail that can handle larger spans than the standard RS133.
Rostek Bearing
Monorail Systems

Rostek's tracks for Travelling Ladders and Gantries.

RS63 and RS129 are round tracks for use with Travelling Ladders, Gantries and Mast Systems.

Our smart aluminium trolleys give our Gantries, Ladders, and Masts a smooth and stable run along the track line.

The architecturally pleasing circular profile can be supplied with the following finishes -
- Mill finish.
- Natural anodised finish
- Powder coated to standard RAL colours.
Rostek Concealed Monorail System

Fixed to ceilings or soffits, our RS110 and RS162 concealed monorail systems are virtually invisible when installed and are the perfect solution when aesthetics are of the utmost importance.

These profiles can be supplied with either a mill or natural anodised finish or can be powder coated to most RAL colours of your choice to ensure the monorail will blend in seamlessly to the building soffit.

Above: A Rostek Concealed Monorail System hidden in a sofit.
Rostek Monorail
Support Brackets

Based on state-of-the-art calculation and testing methods, we can allow super-long bracket spacings for a superior aesthetic appearance and low price. Rostek Monorail Systems require a very precise support system in order to ensure the track has the strength to support the loads imposed on it during regular use.

Typical Bracket Setout Information
(Note, below figures are examples and may be subject to change on a per project basis.)

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<td>500mm(h) / 700mm(v)</td>
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Rostek BMU Cradles

Manufactured as either one or two person platforms, Rostek's BMU cradles meet or exceed the special requirements set by European Standard EN1808 for permanently installed access equipment. Our Cradles are constructed to the highest standards of quality to ensure reliability and durability.

Made from lightweight, high-grade aluminium profiles with galvanised steel frames and stainless steel fasteners, each cradle incorporates safety devices to guard against main suspension rope failure. To guarantee functionality and dependability Rostek’s cradle control panels incorporate the best electrical components with all wiring layouts professionally finished and clearly marked for ease of identification.

Rostek 2-Hoist BMU Cradle

The standard length 2-Hoist BMU Cradle, generally a two-person cradle unit, is 2.0m (distance between the Titan Hoists is 1.7m), although Rostek’s Engineers are experts in designing special platforms for unique applications and other lengths can be provided. These commonly include 2.3m wide (2.0m between hoists) and as narrow as 1.7m or 1.4m, although these smaller cradles are for one man only.

Our BMU Cradles are equipped with wire winders for 40m, 70m and 135m lifting height, which incorporate an automatic stopping system for the wall restraints.
Rostek 1-Hoist BMU Cradle

Our 1-Hoist BMU Cradle, a one-man BMU Cradle, is designed to access smaller areas of façade for use in locations where it would be difficult to fit our larger 2-Hoist BMU Cradle.

Each of Rostek’s cradle’s is fitted as standard with a Titan hoist, motorised wire winder, full aluminium cladding with telescopic wall rollers, bottom limit trip bar, cable bin, top limit, and ultimate top limit switch.

This cradle should only be used in applications where a continuous facade or other similar structure is available for the wall rollers.
Facade Access Systems

Rostek Cradle
Restraint Systems

On buildings where the total descent is 40m or more in height, restraint systems must be provided to prevent any undue sway of the cradle when in use. Rostek-UK offers two types of lateral restraint system.

Rostek Suspension Rope Restraint Systems

Suspension Rope Restraint Systems comprise a series of permanently installed anchor sockets, fixed to the building’s façade. The height of the building and width of the cradle determine the number and position of these sockets.

The first band of restraints should be no higher than 40m above ground level, with subsequent bands no more than 20m apart.

On descent, the cradle will automatically stop at the first band of restraints, enabling the operator to connect short lanyards fixed to the suspension wires into the sockets. The cradle can then continue safely in descent.
Rostek Mullion Guide Systems

As an alternative to suspension wire restraints, a mullion guide system comprises permanently installed channels fixed to the building’s façade. Sliders, fixed to the front of the cradle, engage with these channels, providing restraint to the building’s face when either raising or lowering the working platform.
Rostek Travelling Gantry Systems

Rostek’s Travelling Gantry Systems are designed to provide safe access to flat, sloping or curved areas of glazing, such as roof lights, domes or atria.

Our systems can be used for both internal and external applications and can be manually or electrically driven. They are the ideal access solution for maintaining large areas of glazing, our gantries can extend beyond 30m, incorporating free spans in excess of 20m.

Rostek’s Travelling Gantries are designed to blend with the architecture and are intended to form an aesthetic part of any roof light or atrium.

Manufactured using an innovative aluminium profile system, our gantries are offered with a mill finish, anodised or powder coated to a RAL colour of your choice.

To provide access to vertical areas of glazing beneath the atrium, the underside of each gantry can be equipped with either suspension points or monorails for use with our one or two person demountable cradle.

Rostek Travelling Gantry Systems

System Economy: Gantries are a more expensive alternative to Rope Access or pole cleaning as they are a high quality Aluminium with a complex structure.

Ease of Installation: Gantry tracks and their brackets require coordination with other members of the design team.

System Safety: Gantries provide collective protection to the operatives, so are the safest option for cleaning complex roof lights and atrium ceilings.
Facade Access Systems

Rostek Travelling Ladder and Mast Systems

To provide access to vertical or very steep areas of glazing, Rostek-UK offers a variety of travelling ladders and mast systems.

Manufactured from innovative aluminium profiles, these systems can be used for both internal and external applications and can be manually or electrically driven along either face or roof mounted runway tracks.

Rostek Travelling Ladders

System Economy: A much cheaper option than a BMU for smaller buildings, with a max of 3 stories.

Ease of Installation: The tracks that support the ladder require coordination with other members of the design team.

System Safety: Most travelling ladders are provided with Vertical Lifeline Systems for added safety, but some have a climbing basket similar to a single-man cradle that can travel up and down the ladder. The Basket provides collective protection to the operative.

Travelling ladders are a safe and cost-effective means of access to a variety of glazed areas and will be supplied with either an integrated Fall Protection system or a vertically moving platform for added stability.
Facade Access Systems

Rostek Personal Suspension Systems

Sometimes it is impractical to incorporate a full permanent access system into a building design. Alternatively, existing buildings may not be able to accept the applied loads of large counterbalanced access machines. In these cases, Rostek-UK offers a range of lightweight and practical personal suspension systems.

Personal suspension systems are a range of anchorage devices designed and installed specifically to allow access to high level façades via industrial rope access techniques.

With our IRATA trained staff, Rostek-UK is uniquely placed to offer advice on the design and installation of permanent anchorage systems, which can be used safely and efficiently by IRATA trained operatives.
Rostek Rope Access Track Systems

On buildings with large expanses of façade, the installation of a track system enables operatives to traverse quickly and efficiently between work places without the need for multiple rope rig and de-rig.

Our track systems consist of a unique range of aluminium monorails that incorporate small trolley units for ease of movement along the façade. Each trolley has twin suspension points and a small parking brake, which is applied when either descending or ascending, or when the trolleys are parked in the designated rigging point.

Unlike basic rail systems, which require operatives to shuffle laboriously between supports and then transfer past them, Rostek-UK track systems are extremely efficient to operate and are the preferred choice of a great number of industrial rope access specialists.

Installation of the tracks can be either face or soffit mounted. Face mounted systems will be fixed back through the curtain walling or glazing and connected to the main structural frame via purpose engineered support jibs. Our soffit-mounted systems consist of sections that can be concealed within the building effectively making them invisible when installed.

Rostek Rope Access Track Systems
System Economy: With a similar cost to a full Monorail System without the expense of a cradle, a Rope Access Track is an intermediate option in terms of cost.

Ease of Installation: The monorail will be visible, so needs to fit in with the Architect’s vision of the building. Brackets usually fix to the pain structure and penetrate the cladding.

System Safety: Rope Access systems are classed as one of the least safe methods of façade access.
Rostek Rope Access Eyebolt Anchors

For buildings with smaller areas of facade or for tall buildings that require infrequent rigging and de-rigging of ropes, the installation of rope access eyebolt anchors may be the perfect solution.

Available in either galvanised, polyester powder coated or stainless steel, Rostek’s eyebolt anchors can be roof, face or soffit mounted and can be fixed to a variety of structures, including concrete, masonry or steel work. With roof-mounted anchors we can provide advice on associated parapet protection systems to avoid damage occurring to the parapet or coping.

Face or soffit mounted anchors are applicable where operatives need to traverse short distances either horizontally or on an incline, alternatively they can be utilised as relay points beneath projections or within recesses. For ease of movement between each anchor when suspended from them, our designers pay particular attention to optimal spacing between eyebolts.

Rostek Rope Eyebolt Systems

System Economy: Eyebolts are easily fixed into the existing structure and so represent the cheapest possible installation option for facade access.

Ease of Installation: Eyebolts are usually very easy to install.

System Safety: Rope Access systems are classed as one of the least safe methods of facade access.
Rostek Rope Access Davit

On buildings with isolated strips such as stairwells or for roof-mounted applications where it is not possible to provide parapet protection, Rostek’s Davit Systems provide a low cost, effective and extremely discrete anchor system.

Fixed back through the roof to the main structural frame, the davit comprises a fixed base and upright socket with a rotating head. When the system is not being used the head can be rotated through 180 degrees inboard of the parapet rendering it invisible from ground level. The rotating head also provides safe and easy access for the initial rigging of ropes.

NB - in accordance with BS EN 795 all of Rostek’s rope access anchorage systems are designed to withstand a 15kN load (see the testing and maintenance section for further information).

<table>
<thead>
<tr>
<th>System Economy</th>
<th>Ease of Installation</th>
<th>System Safety</th>
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<tr>
<td>Davit systems are more expensive than eyebolts, but still are a very economical option.</td>
<td>Davit bases require coordination with the design team.</td>
<td>Rope Access systems are classed as one of the least safe methods of facade access.</td>
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Rostek Rope Access Davits

![Diagram of Rostek Rope Access Davit System]

- **Removable Davit Arm**
- **Davit Base at 1.5m c/c**
Fall Protection Systems

Access to roofs and other high level structures is required in all sectors of industry on a daily basis. For maintenance activities such as gutter cleaning, access to rooftop plant and repairs to telecommunications installations to be carried out safely and efficiently, it is essential that adequate systems are in place to protect workers against falls from height.

Operating nationally, Rostek’s Fall Protection division specialises in designing and installing systems that allow rooftop and other high level maintenance activities to be undertaken safely and efficiently.
Rostek-UK Fall Protection Equipment

Our Fall Protection equipment divides into two main categories:

- **Collective Fall Protection Systems**
- **Personal Fall Protection Systems**

**Rostek Collective Fall Protection Systems***

Our range of collective Fall Protection systems include guardrails, walkways, ship ladders and gantries and are designed to completely remove the risk of a fall from height. All systems meet current safety requirements, providing maximum roof edge protection.

Collective systems can be free standing or anchored to the structure and can be installed during the construction phase of new buildings or retrofitted to existing structures.

**Rostek Personal Fall Protection Systems***

Our range of personal Fall Protection systems includes horizontal and vertical lifelines, roof anchors and eyebolts, along with a comprehensive selection of personal protective equipment.

These systems are intended for use where design restraints or planning restrictions prohibit the application of collective Fall Protection systems.

*Rostek’s Fall Protection Systems comply with the relevant British and European Standards. Within the guidelines of the Work at Height regulations 2005, collective systems must be given priority over personal protection systems wherever possible.
Rostek Guardrail Systems

Rostek-UK’s Guardrail Systems are the ideal solution to collective protection for operatives working on roof tops and other high level structures.

The systems can be used to safeguard unprotected edges, cordon off fragile materials such as roof lights, or designate emergency escape routes.

We provide a variety of freestanding and fixed guardrail systems - the nature and frequency of work undertaken will define which is the most appropriate.

Rostek Freestanding Guardrails

Freestanding guardrails are a permanently installed and fully tested, modular roof edge protection systems, comprising pre-fabricated, standardised fittings.

Suitable for installation to controlled roofs and other areas requiring periodic access, the system is designed around proven counterweight principles and is completely freestanding, therefore eliminating the need for costly roof penetration.

The pre-fabricated components provide maximum versatility on site enabling sections to be taken down, added to and re-erected. Suitable for installation on roofs with up to a 10° pitch, Rostek-UK Freestanding Guardrails can be installed on a wide range of flat roofs, regardless of shape, dimension or level. For additional safety, all areas that come into contact with the roof have a protective anti-slip rubber pad fitted.

Rostek Guardrail Systems

System Economy: Guardrail generally cost more than other means of Fall Protection systems, especially for Architectural Balustrade.

Ease of Installation: Guardrails are usually easily installed, especially free standing versions.

System Safety: Guardrails offer collective protection to the operatives on the roof, so are the safest possible option for roof edges and other areas where a fall could occur.
Rostek Fixed Guardrails

Fixed guardrails are a permanent collective solution for roofs of any pitch or areas where access is unrestricted, such as open roofs, terraces and ramps. Individually designed to suit each installation, our fixed guardrails meet BS EN 6399 Part 1 requirements and the requirements of the Building Regulations.

For durability all components on standard applications are galvanised to BS729.

Rostek Architectural Systems

When dealing with the demanding architecture of a listed building or the complexities of a newly designed structure, it may be necessary to install bespoke systems that offer maximum Fall Protection but are also in keeping with the aesthetics of the building. For such applications, Rostek-UK is able to provide individually tailored architectural systems.

Through careful consideration of the building's needs, Rostek-UK can supply solutions manufactured from mild steel with an applied polyurethane finish or polyester powder coating to a RAL colour of your choice. Alternatively, systems can be designed from materials such as aluminium or stainless steel.
Fall Protection Systems

Rostek Walkways and Surface Covers

Rostek-UK's Walkway Systems provides a permanent non-slip safe walking surface that protects fragile roofs from potential damage where site operatives must tread or in areas of heavy foot traffic.

Walkways can be fitted to a variety of roofing systems and installed with or without handrails. They can also be combined with a horizontal lifeline to provide maximum Fall Protection. Rostek-UK walkways for standing seam roofs are manufactured from lightweight and durable aluminium. Our standing seam walkways utilise clamping clips that connect to the seams without penetrating the roof sheet.

The modular system is simple and versatile, with standard prefabricated “L” and “T” junctions, as well as the flexibility to create other angles, junctions and steps. As the system is non-penetrative, standing seam walkways are suitable for retrofit as well as new build. It is durable and corrosion free and requires minimal on-going maintenance.

Rostek-UK Walkway Systems

The Rostek-UK Walkway system is used to provide an even walking surface across roof types, which include profiled metal sheeting, slate, lead, copper and asbestos cement. Manufactured from PVC-U or Aluminium extrusions, the system incorporates a top plank that boasts a unique safety tread to create an anti slip surface, even in wet conditions.

In the majority of applications, the system can be free laid on top of the roof, without the need to penetrate the surface.

Where the walkway is intended to provide access to adjacent parapets or in valley gutters, the system will incorporate chamfered side sections designed to rest upon the adjacent roof slope and be supported in the gutter base by cushioned stools.

Where access is required over the slope of a roof, steps can be incorporated into the walkway for ease of use and increased safety.
**Rostek PVC-U Fall Proof Covers**

On older buildings it is often necessary to protect roof workers against falls through fragile material located inboard of the edge. Such instances may be created by the presence of glazing, polycarbonate roof lights or asbestos cement roof sheets.

Rostek-UK’s PVC-U Fall Proof Covers provide operatives with collective protection, removing the risk of falls through fragile surfaces. Manufactured from the same extrusion as our walkway system, the fall proof covers incorporate a red extrusion to either side to clearly demarcate the edge of the safe boundary. All installation will be accompanied by appropriate signage.

**System Economy**

Fall Proof Covers are made from PVC-U and are a cost effective way of protecting operatives from fragile roof materials.

**Ease of Installation**

Covers usually fix directly to the roof sheet or are self weighted (free standing) and lightweight.

**System Safety**

Covers offer collective protection to the operatives on the roof and are a vital addition to roof systems with fragile materials (roof lights etc...).
Rostek Stairs and Ladders

Where safe passage is required to rooftops, façades or access equipment, it is necessary to provide access ladders. Rostek-UK have many years of experience designing, fabricating and installing all types of ladders for both traditional and bespoke applications. Stairs and ladders can be supplied self coloured, hot dipped galvanized, primer painted or polyester powder coated to a RAL colour of your choice. All installations comply with the relevant building regulations and safety standards.
Rostek Stairs

Where routine access is required, either as a means of fire escape or steps between roof levels, we can offer a variety of single and multi-flight industrial stair solutions in aluminium or mild steel.

Where the presence of roof mounted ventilation equipment or plant renders areas inaccessible, bridging steps offer a versatile solution. These combined stair and platform units enable personnel to traverse safely up and over any pipe work or similar obstruction to access all roof areas for maintenance and cleaning.

Rostek Stairs

System Economy: A full stair unit is the most expensive means of access and egress to a roof or raised area requiring access.

Ease of Installation: Stairs are heavy and usually require coordination with the main structure.

System Safety: Stairs offer collective protection to the operatives using them, and are as safe as any stairs found on the street, or even in homes.
**Rostek Ship Ladders**

‘Ship ladders’ are ladders with a pitch of 65-75° that are fitted with treads. Where design parameters permit, they are more practical to use than vertical ladders.

Ship ladders should not exceed three metres vertically, should be fitted with a single line of handrail on each side and require a width between 450mm and 550mm. The height of the handrail should range between 250mm for a ladder slope of 65° and 100mm for 75° slope. The top tread should be at the same level as the adjacent floor, with a minimum tread width of 100mm, minimum rise of 225mm and maximum rise of 255mm.

**Rostek Ship Ladders**

System Economy: Ships ladders are an intermediate option in terms of cost.

Ease of Installation: Larger ships ladders usually require coordination with the main structure, though smaller versions usually can be fixed to the external envelope.

System Safety: Ships ladders offer Personal protection to the operatives using them, and are less safe than Stairs, but safer and easier to use than Cat Ladders.
Rostek Cat Ladders

Cat Ladders are permanent, vertical fixed ladders, with a slope range from 75° to vertical and are most commonly used on the outside of structures to gain access to roofs or between roof levels on larger buildings.

Made from aluminium, galvanized or stainless steel, we can design, manufacture and install cat ladders to almost any size, from two to 25m, complete with landings and safety hoops.

Rostek Cat Ladders

System Economy: Cat ladders are a very cheap way of accessing high areas.

Ease of Installation: Larger cat ladders usually require coordination with the main structure, though smaller versions usually can be fixed to the external envelope.

System Safety: Cat ladders offer personal protection to the operatives using them, and arrest falls by means of a cage (unless a Vertical Lifeline System is installed) and are less safe than both Stairs and Ships Ladders.
Rostek-UK
Horizontal Lifeline Systems

Our Horizontal Lifeline Systems are acknowledged as one of the world’s leading Fall Protection Systems.

Through a combination of expert knowledge and practical experience, we can help our customers reduce risk and increase safety when working at height; and our comprehensive range of products offers fully compliant, practical solutions for structures of all types, in all industries.

Our roofsafe systems are designed to fix directly to roof sheets and offer fixings methods for all major roof types.

Systems can be either 8mm steel wire based with posts at up to 12m centres, or even rail based.

Our multisafe systems are designed to fix to structures, including walls, sofits, steelwork and through roofs into the main structure when fixing to the sheet is not an option.

Systems can be either 8mm steel wire based, 16mm rope based, or rail based.

Note: When specifying Lifeline systems, Fall Restraint Systems should always be given priority over Fall Arrest Systems.

Fall Restraint - The system prevents the operative from reaching to roof edge or fall hazard completely.

Fall Arrest - the system allows the operative to physically fall from the roof, but will arrest the fall and leave the operative in a position where they require rescue.

Horizontal Lifelines

System Economy: Lifelines are a cheaper solution to fall protection than Guardrails.

Ease of Installation: Our Lifeline Systems can easily be fixed directly to the roof sheet, or to cladding/walls.

System Safety: Lifeline provide Personal fall protection to the operatives on the roof, and so are a less safe means of fall protection than Guardrails, and in Fall Arrest systems, a rescue plan must be in place each time someone uses the system.
The RoofSafe range offers a choice of solutions allowing you to effectively resolve the risks associated with roof work and maintenance when working at height.

**RoofSafe Cable systems**

The RoofSafe Cable system has been designed to complement the RoofSafe Anchor product range, taking advantage of the low system loads generated in the event of a fall. The system can accommodate multiple workers providing that site, systems and structural parameters permit. It can span up to 12m (40ft) between anchors and provides continuous hands free access for the user of the system. Roofsafe Cable System components include end anchors, intermediate cable supports, variable cable supports and corner cable supports to allow maximum flexibility in system designs and ensure workers have uncompromised access for all aspects of roof inspection and maintenance.

**RoofSafe Anchors with Force Management Technology**

Our Force Management Technology permits the use of thin metal roof sheets and other roofing substrates as structural anchors, by limiting the forces in a system that are generated in the event of a fall to less than 10kN (2200lbs) through a built-in energy absorber. The reaction of the anchor re-orientates the load to a more beneficial plane for the roof structure and distributes load through the fixings to ensure the integrity of the roof system is maintained even in a multi-user fall scenario. The anchor is designed to be neat and unobtrusive, and can be colour coated to match the roof finish. They can be fitted from the top of the roof, saving installation costs and minimising disruption.

In conjunction with the RoofSafe Cable system, RoofSafe Anchors with Force Management Technology can support multiple workers for both fall arrest and fall restraint work applications. As fall energy is effectively distributed throughout the whole Fall Protection system, the roof structure is able to cope with the applied loads. They are suitable for use on built up and composite metal roofing systems, standing seam and secret fix metal roofing systems and for a variety of membrane roofing systems installed on metal deck, concrete and plywood structures.
RoofSafe Rail systems

RoofSafe Rail is a quality extruded aluminium rail system, providing a high level of user safety combined with a discreet, aesthetically pleasing appearance. It offers excellent functionality through its free flowing attachment carriage and, with no brackets to pass over, the user enjoys a truly hands free experience. The system provides complete design flexibility and, uniquely, is capable of navigating corners and changes of direction in the building or structure.

RoofSafe Rail systems are ideal for modern building projects, in particular for roof access and as an anchor point for suspended work positioning for external Façade Access, inspection and maintenance. The roof mounted rail meets the requirements of both abseil and Fall Protection standards and can be fixed to the roof system with minor penetrations or using clamps. Its low profile and discreet design provides an unobtrusive safety anchorage solution, ensuring the building’s appearance is not spoiled by anchor points and cables.

Where roofs are pitched at more than 15 degrees, it provides a sound anchorage that will not flex when a worker applies their body weight to it. This provides a good sense of security and allows them to work with confidence. In the event of a fall, the product does not deflect and distributes very low loads to the roof structure. Minimal moving parts and high-grade materials ensure long life expectancy, low cost of ownership and add up to a sound investment. The system can be fitted to built up metal profiled roofs and standing seam roofs and can support multiple workers for both fall arrest and work restraint applications. The products’ simple design makes specification and installation easy and saves time and money.

RoofSafe Counterweight Anchors

The RoofSafe Counterweight Anchor system offers both fall arrest and work restraint capabilities via a series of weights joined to a central plate and anchorage point. The anchors are designed to be placed on an approved roofing surface and, in the event of a fall, use their counter weight to arrest a worker.

The anchors can be used for attachment by a single worker and as part of a more comprehensive safety system, incorporating either a Roofsafe Cable or Uni-16 Horizontal cable safety system. In this case the user can attach to the cable with a UniGrab device, allowing them to move along the system and intermediate brackets without interruption. This provides a practical hands free solution for larger roof areas, where roof penetrations are not desirable.
Our multisafe range of horizontal Fall Protection products has been developed to provide a choice of solutions that allow our customers to most effectively resolve the risks associated with work at height in a wide range of applications and comply with workplace safety regulations.

MultiSafe Uni-8

Uni-8 is best suited to modern building projects and refurbishments but can also be used for industrial safety applications. A high quality product which represents excellent value for money, Uni-8 can, in typical circumstances, span up to 12m (40ft) between support brackets. Uni-8 offers excellent functionality through its free flowing bypass capability and can navigate corners and contours in building designs.

Minimal moving parts and high grade materials ensure long life expectancy, low cost of ownership and add up to a sound investment. Uni-8 can be fitted to steel beams, concrete and brickwork and is suited for use on older roof constructions in conjunction with fabricated anchor points. It can also support multiple workers for both fall arrest and work restraint applications.

MultiSafe Uni-8 Overhead

The Uni-8 Overhead Lifeline System offers both fall arrest and restraint capabilities using a 1 x 19 8mm stainless steel cable, secured to a structure using a range of anchorage fittings.

The system consists of a horizontally mounted lifeline that spans the work area and is fixed at either end to the structure via anchorage connectors. The lifeline may be supported at regular intervals by intermediate brackets, which help to reduce the loads in the event of a fall, limit cable deflections and allow for longer single installations.

The two wheeled attachment carriages are secured to the system during installation and, when in use, move over the intermediate brackets without interruption. It is a true hands free system with a minimum breaking strength of 38kN (8400lbs) and can span up to 30 metres (100ft) between intermediate supports, thanks to high pre-tension loading in the cable of 5kN (1100lbs) combined with the properties of the 1 x 19 8mm (0.31") cable.

The URG10-Roll controlled rate descent device provides an alternative to a retractable fall arrest block/self retracting lifeline. It automatically lowers the worker to the ground at a rate of 0.5m/s (1.6ft/s) and significantly reduces the risk of injury, as the device does not lock if the worker falls, which would subject them to dynamic arrest forces and potential injury from suspension trauma. This product combination provides comprehensive worker protection and takes away concerns for worker rescue in the event of a fall.
MultiSafe Uni-16

The Uni-16 System was the first permanent ‘engineered’ synthetic lifeline system to offer pass through components, corners and real user benefits. Uniline Safety Systems successfully commercialised the product around the world and, in the six years following its launch, installed over 350,000 metres (1,150,000ft) of the system. The product continues to take pride of place in the Uniline product range and solves some of the most demanding and complex Fall Protection problems in the world.

To this day, it is still the only globally recognised permanent synthetic lifeline product and is unrivalled in the Fall Protection industry for its unique benefits.

Uni-16 is ideal for specialist Fall Protection situations and to install on older structures where connection to steelwork, brickwork or concrete is necessary and a reduction in structural penetrations is desirable. The product is also suitable for all industrial safety applications.

It is also suited to older roof constructions using fabricated anchors, and can support multiple workers for both fall arrest and work restraint applications.

In many circumstances, Uni-16 can span from 25 to 50m (82-165ft) between support brackets. It offers excellent functionality through its free flowing bypass capability and can navigate corners and contours in building designs.

MultiSafe UniRail

UniRail is ideal for building projects, in particular for internal and external Façade Access, inspection and maintenance including walkways and suspended gantries.

It is also extensively used for suspended access work by rope access technicians, as it meets the requirements of both abseil and Fall Protection standards. This unique capability offers significant benefits and cost saving when planning to undertake frequent building maintenance tasks.
Rostek-UK Vertical Lifelines

Our EasyClimber vertical Fall Protection systems allow workers to ascend and descend tall structures and ladders with confidence. Current workplace legislation requires that any person working at height should be properly protected against the risk of falling.

This is especially important for workers required to climb ladders and vertical structures, as a moment’s lapse in concentration or sudden feeling of illness could cause the worker to fall backwards away from the structure or straight down, quickly generating great velocity. The consequences of such a fall are likely to be significant upon both the worker and the employer.

Contrary to popular thinking, ladders installed with safety cages offer workers no protection at all. Recent research carried out by the UK Health and Safety Executive clearly shows that workers falling inside a caged ladder will suffer significant injuries from an impact with the structure.

Our EasyClimber® vertical climbing system, permanently installed to a ladder or vertical structure that requires frequent or predictable access can mitigate against such risks and provide a functional and practical means of access and egress.

EasyClimber® has been designed to be cost effective without compromising quality or safety, making it especially attractive to operators of large utilities networks such as telecoms, electricity and wind farm operators. It is, of course, equally suitable for industrial safety applications such as safe climbing of ladders to access roofs, chimney stacks, silos, lighting columns, ships’ masts, theme park rides, bridges and more.

EasyClimber® systems are available for use in the following situations:
- Ladder access
- Mast and pylon access including lattice construction towers and monopoles
- Wind turbine access
- Lighting column access
- Bridge and inclined structure Access

Whichever EasyClimber® system suits your specific safety requirement, the same high quality of product and system functionality features throughout the product range.

A tensioned 8mm (0.31”), 1 x 19 construction stainless steel cable runs the length of the climbing area, supported at intervals that suit site conditions by intermediate cable supports. A wide range of components facilitate installations in demanding environments.

Vertical Lifelines

System Economy: Lifelines add cost onto a Cat Ladder, and may make the entire system cost the same as a full set of access stairs.

Ease of Installation: Our Lifeline Systems can easily be fixed directly to our ladders and vertical structures, such as masts.

System Safety: Lifelines provide Personal Fall Protection to the operatives using them, but are a safer option to a traditional hoop system on a cat ladder.
Fall Protection Systems

Rostek Rescue Systems

We offer a range of innovative rescue and access products to aid recovery of workers after a fall or in an emergency at height.

The diversity of our Rescue range ensures we can provide a solution for all types of rescue situations whilst keeping safety the top priority.

We offer a full range of accessories including pulleys, slings, rope levers, rope protectors, karabiners, rope clamps and rope grabs, addressing the many different requirements for rescue products and training.

Rescue LiftEvac

A controlled rate of descent device that combines evacuation with raising and lowering of a worker or casualty, LiftEvac offers high levels of safety and maximum flexibility for all tall structure rescue situations.
The average life expectancy of a suspended casualty is just **17 minutes** from the time of fall....

**The Importance of a Rescue Kit and a Trained Operative.**

On all buildings or structures that require operatives to work at height, a **suitable risk assessment must be produce before anyone can actually proceed with the work.**

For most Fall Protection Systems, **this requires an adequate rescue plan to be in place at all times while operatives are working at height.**

The usual solution is either a Rostek rescue kit and at least one adequately trained user on site at all times while operatives are working at height, or having a hired MEWP on site while the works are being carried out.

**Rescue MinEvac**

A controlled rate of descent device for evacuation which is ideal for single person self-rescue from structures such as towers, wind turbines, masts, high bay lift trucks and cranes.
Rostek Eyebolt Anchor Systems

Eyebolts are a simple, cost effective and discreet solution for protecting operatives when undertaking routine maintenance work, such as window cleaning. Conforming to BS EN 795 as Class A1 single point anchor devices.

With both types of eyebolt anchorage, operatives wear a full body harness and connect to them by way of a suitable shock-absorbing lanyard.

As the eyebolt is intended to protect workers when exposed to a fall risk, it is essential they are able to connect to it from a safe area. The illustration provides general information on acceptable reach limits and further details can be found in BS 8213 part 1: 1991.

Our Eyebolts are available in galvanised, nylon coated or stainless steel and are suitable for installation to a wide range of substrates, including load-bearing concrete, masonry and steelwork and can be used for most standard applications in offices, hotels etc. where access for external window cleaning is needed internally.

Rostek Single Point Anchors

System Economy: Single point anchors are a very cheap method of Fall Protection.

Ease of Installation: Eyebolts are very easy to install.

System Safety: Single Point Anchors offer Personal protection to the operative using it, and are usually classed as a Fall Arrest System as the operative could fall but would be arrested by the system.
Testing and Maintenance

Fall Protection
To ensure your Fall Protection Systems remain compliant, legislation requires them to be inspected, tested and certified on a periodic basis.

Rostek-UK provides complete peace of mind through its testing and maintenance service, which covers all forms of Fall Protection and Access equipment installed to:

• BS EN 795: Protection against falls from a height - anchorage devices requirements and testing
• PUWER: 1998: The Provision and Use of Work Equipment Regulations

All Fall Protection systems require an Inspection every twelve months. This guarantees your compliance with legislation and prolongs the service life of your equipment.

Located throughout the UK, our directly employed, Testing Engineers are trained to both install and service all forms of Fall Protection system, including:

• Horizontal Lifeline Systems
• Vertical Lifeline Systems
• Roof Anchors
• Personal Anchorage Eyebolts
• Guardrails
• Walkways
• Fixed Ladders / Stairs / Gantries
• Ladder Restraint Eyebolts
• Personal Protection Equipment (PPE) including Harnesses, lanyards etc.

Rostek-UK utilises a powerful database to store and retrieve all details relating to the service requirements of Fall Protection Systems. This ensures inspection reminders are issued in a timely manner and inspections are completed in accordance with scheduled deadlines.

In the majority of cases, any faults diagnosed during the inspection will be reported immediately.

Facade Access
Every Façade Access System requires regular inspection to ensure the safe operation of the system. Most manufacturers recommend that the inspections are carried out quarterly.

Rostek-UK Engineers are fully experienced and trained to provide a service of all your Façade Access Systems. Incorporated into our teams are fully qualified Electricians who can diagnose and repair any electrical faults causing minimal disruption to your operations. Testing and Inspection regimes are carried out in line with:

• BS 6037-1: Code of practice for the planning, design, installation and use of permanently installed access equipment - suspended access equipment.
• BS 6037-2: Code of practice for the planning, design, installation and use of permanently installed access equipment - travelling ladders and gantries.

Note: Minimum Inspection period of 6 monthly intervals applies to all PPE.

BS 6037-1 requires that all Façade Access Systems are load tested at intervals not exceeding 13 months. Rostek-UK will incorporate this load test within one of the quarterly visits.

Our expertise allows Rostek-UK to service, maintain and load test the following equipment:

• Building Maintenance Units (BMUs)
• Roof Trolleys
• Monorails
• Demountable Cradles
• Travelling Ladders / Gantries / Masts
• Rope Access (Abseil) Anchors / Tracks / Davits

Rostek-UK teams of engineers are based throughout the UK offering a rapid response time for emergency breakdowns when time is of the essence.

Following an inspection visit, we will forward a full report detailing the work carried out, the relevant test certification and any requirement for remedial action. Our database then allows our staff to track your next service visit, ensuring the required inspection intervals are maintained.
## Fall Protection Systems

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<td>Anchors</td>
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