



  
**gravity**  
solutions ltd

fall protection and height safety systems



# FALL PROTECTION

## GUARDRAIL



Both fixed and free standing guardrails are available in a modular form in aluminium or galvanized mild steel with the option of powder coating to any standard RAL. Bespoke fixed systems may be designed to suit any particular application and fabricated in aluminium, stainless steel or galvanized mild steel.

## SINGLE POINT ANCHORS



Fixed and removable eyebolts ranging from the conventional variety to the more aesthetically pleasing stainless steel, through to the more subtle removable eyebolt thus allowing the choice of a discrete window safety system without compromising interior design.

## DEMARCATATION



Free standing demarcation systems can provide a cost effective means of collective protection around items of plant and fragile roof areas. The demarcation system may be utilised as a stand alone system or integrated with other products such as guardrails and walkways.

## FRAGILE ROOFS

### Rooflight cover

Supplied with a galvanized finish, the fully adjustable rooflight cover provides protection against falls through fragile rooflights where regular access is required. The units may be used as either a temporary or permanent installation.

### Walksafe fall proof covers

WalkSafe fall proof covers provide passive collective protection whilst also eliminating the fall hazard. Once installed, the WalkSafe fall proof covers require neither training nor specialist PPE, thus eliminating the possibility of user error. They can be used adjacent to walkways on either flat or pitched fragile roofs and to cover fragile roof lights themselves.





## FALL ARREST OR FALL RESTRAINT?

Fall restraint and fall arrest systems are completely different entities. In essence, a fall restraint system prevents workers from reaching a hazard, while a fall arrest system allows workers to reach a hazard and then protects them should they fall.

Fall restraint solutions should take precedent over fall arrest where possible.



## CABLE BASED MANSAFE SYSTEMS

### Horizontal

We offer cable based horizontal, ManSafe® systems which typically use 8mm diameter stainless steel cable and componentry thus providing excellent resistance to corrosion and wear.

### Vertical

ManSafe® systems for vertical use provide may be fixed to access ladders, towers and structures alike and can be installed to follow the contours of the structure so as to maximise their safety value in a working environment.

### Overhead

Workers attached to the overhead ManSafe® system have maximum accessibility and hands-free mobility to safely go about their duties.

### Inclined

Latchways ManSafe® systems may be specified to overcome the difficulties of ensuring safety at height for people working on inclined surfaces, where the incline is between 15° and 90° from the horizontal.





## WalkSafe®

Manufactured from recycled PVCu and stainless steel componentry the WalkSafe® roof walkway system provides a designated walkway system with an anti slip surface which may be leveled to suit. WalkSafe® can be fixed to all major roof types including composite, built-up-on-site, standing-seam, secret-fix and membrane and does not damage the integrity of the roof or compromise guarantees.





# ACCESS PRODUCTS

## WALKWAYS

WalkSafe® roof walkway system provides a designated walkway system with an anti slip surface which may be leveled to suit. WalkSafe® can be fixed to all major roof types including composite, built-up-on-site, standing-seam, secret-fix and membrane and does not damage the integrity of the roof or compromise guarantees.

Aluminium grillage walkway may be used in its own right or combined with handrails to one or both sides. Of a lightweight construction the system is extremely durable, providing an aesthetic low maintenance walkway which may be integrated with steps, ladders and demarcation systems.

## INDUSTRIAL ROPED ACCESS

Industrial Rope Access Techniques can eliminate the need for scaffolding and other access plant and machinery, thus reducing costs and disruption, whilst providing a safe means of access.

Gravity Solutions Limited offer a full design, installation and maintenance service providing Industrial Rope Access Systems ranging from single point anchors to rail and davit systems.

## LADDERS & PLATFORMS

Gravity Solutions Limited supply and install fixed access ladders, steps and platforms, backed up with a full design service to specific requirements to suite each individual site. Available in aluminium and mild steel galvanized with a polyester powder coated finish where required.







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## TESTING & MAINTENANCE

In the United Kingdom it is a legislative requirement that fall protection solutions and associated Personal Protective Equipment (PPE) are tested and re-certified annually by suitably qualified personnel.

Gravity Solutions are able to compile a comprehensive test regime advising of imminent re-test dates, liaise with client site personnel in order to access site and carry out the works and subsequently certify the equipment. In the event of a system test failure we include a comprehensive report of any defects accompanied by recommendations and costs to rectify the system.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

We can supply a range of PPE Personnel Protection Equipment including Full body harnesses, shock absorbing and retractable lanyards, safety rope and grab units, connectors and Transfasteners. Contact us if you wish to discuss your requirements further.

