

ManSafe® for Windows

Fall protection systems
for window maintenance

PushLock™



Fall protection matters



Falls from height are the single biggest cause of death and one of the biggest causes of serious injury in the workplace today. For businesses whose workers need to operate quickly and effectively at height, fall protection is already a major issue—and it's going to become increasingly important as regulatory authorities introduce ever-stricter rules governing:

- Where height safety should be implemented
- The systems that are acceptable for use
- Who is responsible for ensuring worker safety

Are you responsible?

The answer could well be 'Yes'. According to the health and safety legislation these people are 'duty-holders'—responsible for ensuring adequate fall protection and potentially liable in the event of an accident.

What you need to do

The official advice to duty-holders can be summarised as follows:

- Avoid work at height, where possible
- When working at height is essential, ensure that workers are not exposed to unnecessary risks
- Where it is not possible to eliminate the risk of falling, **use a suitable fall protection system to minimise the consequences of a fall**

Project Architect
Principal
Contractors/
Sub-Contractor
Project Designer

Facilities Manager
Health and
Safety Manager
Client/Building
Owner

**Latchways plc—global leaders
in fall protection**

ManSafe for Windows

Fixed or Removable Eyebolt

PushLock

Latchways PushLock is typically used where access from inside a building is needed to carry out external work, such as window cleaning or maintenance. It can be fixed into walls, floors or ceilings providing an internal fixed anchor to which workers can confidently attach a lanyard and safety harness while performing their duties.



Options



Brass finish

Stainless Steel finish

RAL colours

Benefits

- Components manufactured for maximum durability
- Aesthetically pleasing with a range of colours and finishes available including stainless steel, brass and a range of RAL colours
- Eyebolt requires two handed operation therefore accidental removal is impossible
- Range of sockets for fixing into brickwork, concrete, steelwork, cavity walls and suspended ceilings
- Straightforward installation and maintenance
- Socket and eyebolt both statically tested to 10 kN
- Meets all relevant national and international standards
- Eyebolt CE marked



What does legislation say?

Under the primary legislation that covers health and safety at work—The Health & Safety Work Act 1974 there is subordinate legislation that specifically affects those working on window maintenance and cleaning—the Work at Height Regulations 2005 and Construction (Design and Management) Regulations 2007 (CDM).

Working at Height Regulations 2005

The key regulation from 2005 that effects window maintenance is that:

- Every employer shall ensure that work at height is properly planned appropriately supervised; and carried out in a manner which is so far as is reasonably practicable safe and that its planning includes the selection of work equipment
- Every employer shall ensure that any person in any activity involving work at height is competent to do so or, if being trained, is being supervised by a competent person

The updates in the 2007 legislation were made to simplify the existing system by unifying CDM and the Construction (Health, Safety & Welfare) Regulations 1996 into a single package.

Additionally there is a more explicit duty on architects to eliminate hazards and reduce risks during the design stage as far as is reasonably practicable, plus there is a new duty to ensure that workplaces comply with Construction (Health, Safety and Welfare) Regulations.

As highlighted on the previous page the legislation places duties on all those who can contribute to the health and safety of a construction project i.e. clients, designers, contractors and planning supervisors, requiring the production of certain documents, the health and safety plan and the health and safety file.

Specifically the designer's duties include the avoidance of risk to people:

- carrying out construction work
- cleaning & maintaining
- using a structure as a place of work
- demolition & dismantling
- others who may be affected by the above

For further assistance on how the legislation may affect your specification please email info@latchways.com



ManSafe for Windows

Latchways Fall Protection—Quality Products

Latchways' primary focus is to supply engineered fall protection solutions to all areas of industry where a fall hazard is identified. Installations include stadia, retail outlets, industrial complexes, modern offices and listed buildings. Notable buildings such as Canary Wharf, Swiss Re and Buckingham Palace have Latchways systems installed.

Eyebolts and their fixings need to be able to withstand the loads generated when a fall is arrested. While conventional eyebolts meet this safety need, the lack of aesthetic consideration can impair the visual characteristics of the building where they are installed. With Latchways' PushLock, specifiers have the opportunity to use a discreet window safety system without compromising the clean lines of interior design.

Testing and standards

The PushLock eyebolt system is suitable for installing into a range of materials. For specific details on the range of PushLock sockets available please email info@latchways.com

In addition to 'in-house' evaluation, Latchways products are tested externally by notified independent test bodies. Ongoing batch conformance, xray and 100% visual inspection ensure the highest levels of product quality.

All elements of the PushLock eyebolt system comply with the relevant standards and have the appropriate CE marking. The key standard is EN 5845, which relates to permanent anchors for industrial safety belts and harnesses.

Key BS Codes of Practice relating to the Pushlock Eyebolt are:

- BS 7883:2005
- BS 8437:2005
- EN 354 PPE against falls from height—Lanyards
- EN 355 PPE against falls from height—Energy absorbers
- EN 361 PPE against falls from height—Full body harness
- EN 795 PPE against falls from height—Anchor devices

PushLock Operation

- 1 Brass finished PushLock socket installed into a cavity wall.



- 2 Depress the safety catch then trigger and locate eyebolt into centre of socket. Push the eyebolt with palm of hand until locking mechanism clicks.

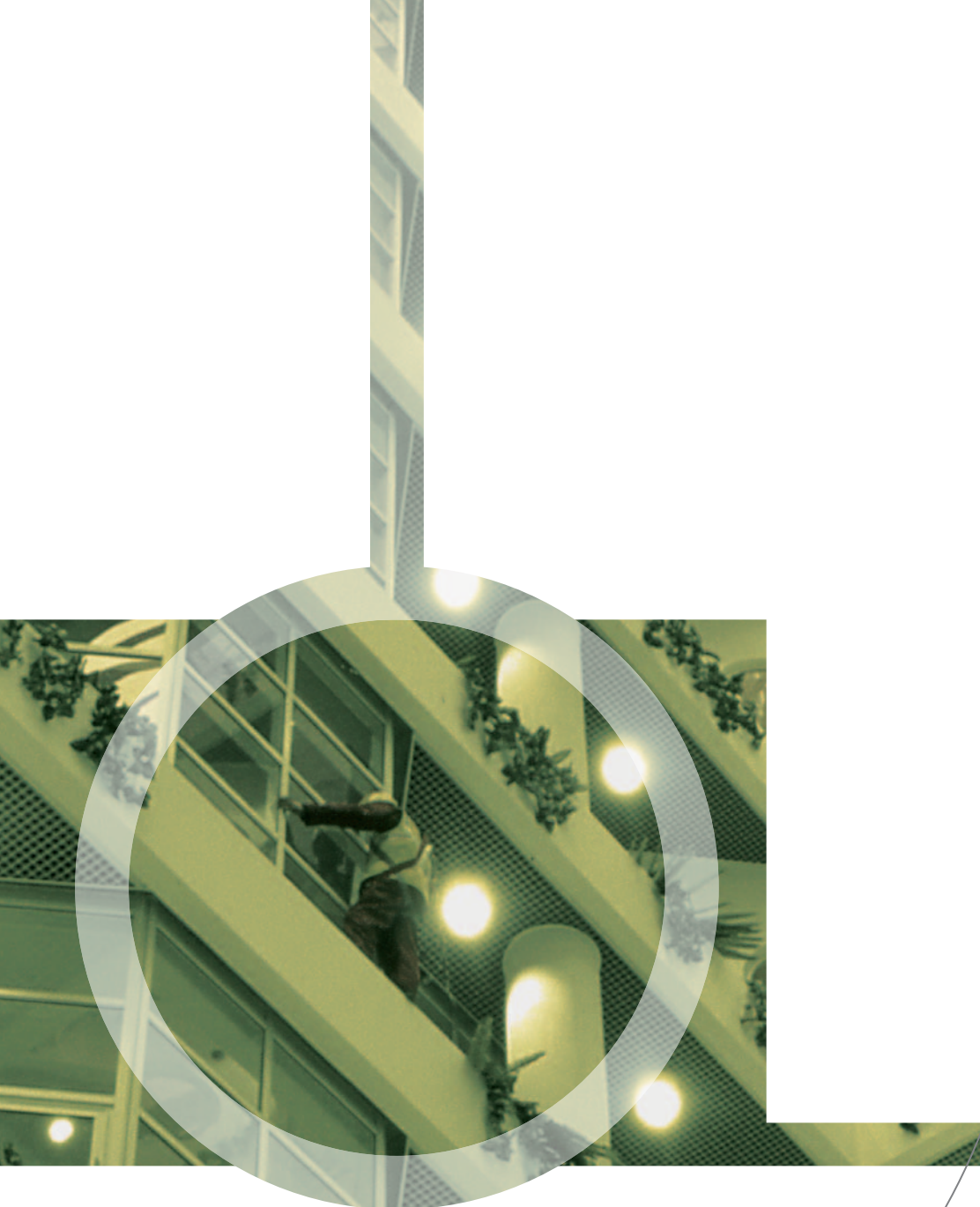


- 3 Check installation by tugging the eyebolt. In the secure position, the word 'LOCKED' is fully visible on the trigger. A safety lanyard attached to a full body harness can now be connected to the eyebolt and the user can commence work.



- 4 Upon completion of work, remove the lanyard from the eyebolt. With a two-handed operation depress safety catch then trigger to remove the eyebolt from the socket.





ManSafe®

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