

## Construction Industry Applications

# COMMERCIAL ROOFING

### Fall protection challenges

- When working on a roof, nothing is overhead, but birds who don't make very good fall protection anchorages! Establishing safe anchorages without damaging the roof itself is essential for safe commercial roofing work.
- Two kinds of fall protection are specified for commercial roofing. If the workers are exposed to a fall, they should be using properly rated personal fall arrest equipment. When working at the safer center of a flat surface roof, passive restraint equipment should be used to ensure that a worker does not inadvertently move too close to the edge.
- For larger jobs and when workers are going to be working within 6' (1.8m) of the perimeter, a horizontal lifeline installation will provide mobility and enhance productivity.
- Fall protection installations may be temporary to last until the end of the job, or permanent providing added safety and productivity for personnel doing future repair and maintenance.



## A Anchorage

Horizontal

Does the work require horizontal mobility or is it fixed work?

Does the building owner want a permanent horizontal installation?

Fixed

For permanent installation:

#### evolution™ Horizontal Lifeline System

This is a permanent low tension, multi-span lifeline that will allow up to 5 users to traverse from one extremity to another in a "hands-free" environment. Specially designed computer program simulates the necessary clearances and possible heights of fall. **(Pg 43 and Photo Above)**

For temporary installation:

#### Sayflite™ Horizontal Lifeline Systems

Lightweight and easy to install, they are extremely portable with kernmantle rope assembly and tensioning device. **7600506 (Pg 47)**

#### Sayflite™ Cable Horizontal Lifeline Systems

For use where welding, sparks or harsh environment are present or minimal clearance exists. **7602060 (Pg 47)**

For permanent installation:

#### Permanent Roof Top Anchor

Permanent roof anchor post that installs to corrugated steel or wood sheathing structures. **2100075 (Pg 36)**

For temporary installation:

#### Swiveling Roof Anchor\*

Reusable, removable roof anchor that swivels 360° can be mounted to corrugated metal or wood sheathing structures. **2105683 (Pg 36)**

#### Standing Seam Roof Anchor\*

360° swivel. No special tools required for installation. Portable and reusable on slightly sloped or flat standing seam roofs. Telescoping adjustment legs. **2190001 (Pg 36)**

