

Construction Industry Applications

STEEL ERECTION

Fall protection challenges

- Steel erection work usually involves building a grid sideways or upward which means mobility is essential, and there is often no overhead anchorage point to connect to.
- Working with steel is rugged work and requires tough, durable equipment.
- Descending to ground level to pick up necessary equipment is not practical, so often workers may have up to 20 lbs. (9kg) of tools in their harness toolbelts and be carrying heavy bolt bags or other tools.
- For added protection while welding, workers should have hot work kits with Kevlar® equipment.
- A reinforced seat on ironworker harnesses helps equipment last longer when sliding on beams.
- For this kind of all-day-long, demanding work, fall protection equipment should be comfortable and not binding.



A Anchorage

Horizontal

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

Fixed

For horizontal mobility in steel erection:

SecuraSpan® Portable Horizontal Lifeline

The lightweight and economical SecuraSpan® systems are designed for single or multiple spans and can accommodate many beam sizes. **7400160 (Pg 45)**

Glyder2™ Sliding Beam Anchor

For complete horizontal mobility, the Glyder2™ effortlessly slides across the beam following you as you work. **2104700 (Pg 35)**

Sayflite™ Cable Horizontal Lifeline Systems Durable and lightweight horizontal system that utilizes easy to adjust wedge grip termination for easy installation. **7602060 (Pg 47)**

For fixed connector work in steel erection:

Fixed Beam Anchor

Installs in seconds to the beam structure, with final tightening using a built-in adjustment handle. Attach it to the beam structure in any orientation or direction for added versatility. **2108406 (Pg 35)**

WrapBax™ 2 Tie-Back Shock Absorbing Lanyard

The WrapBax™ 2 is specifically designed for tie-back use—eliminates the need for a separate anchorage connector, reduces inventory and cost, simplifies inspections and worker training and improves compliance. **1241906 (1221906C in Canada) Pg 30**

