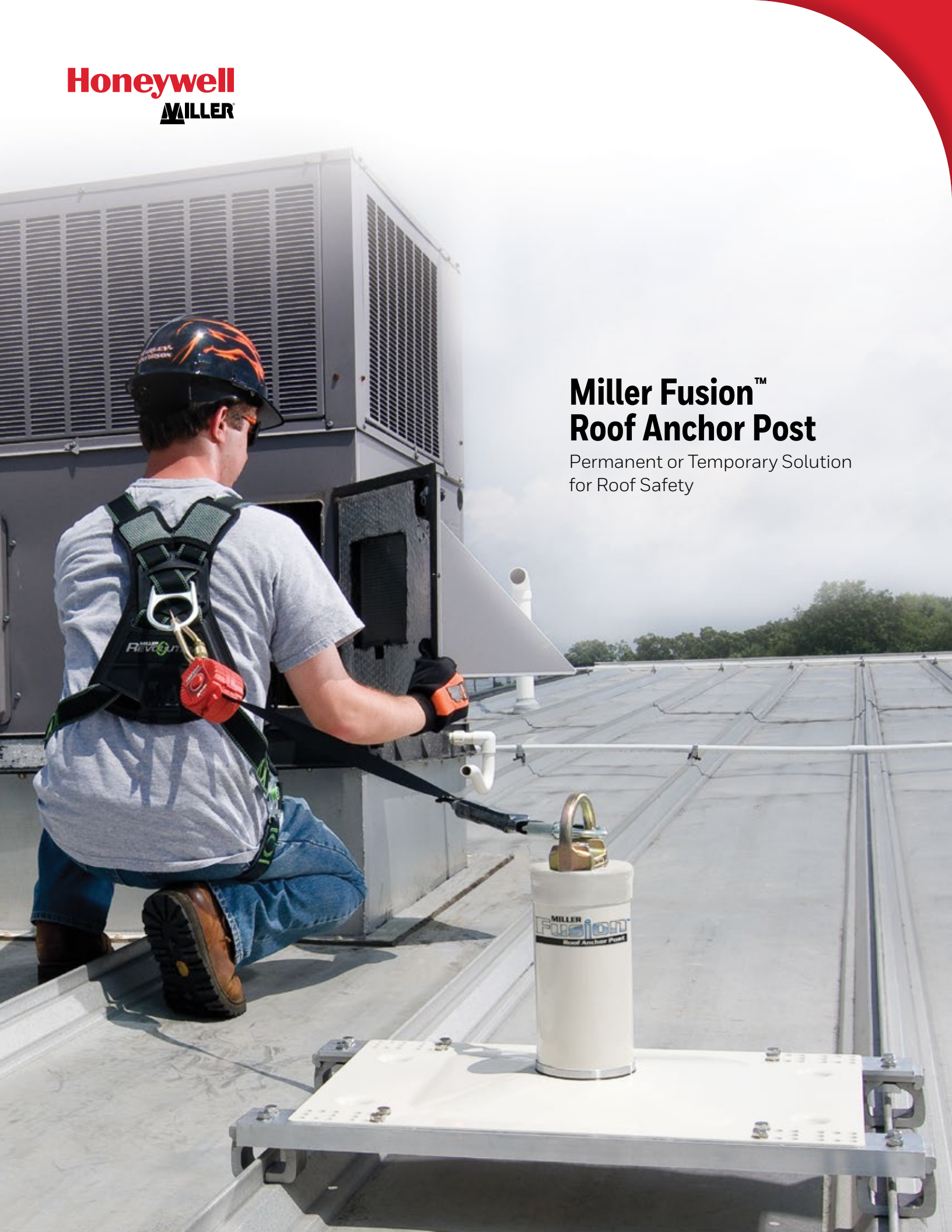




Miller Fusion™ Roof Anchor Post

Permanent or Temporary Solution
for Roof Safety



Miller Fusion™ Roof Anchor Post

The new versatile, single-point Miller Fusion Roof Anchor Post adapts to a wide range of roof designs with its innovative base plate engineered for temporary or permanent installation to the roof surface.

When properly installed, a dependable fall protection connection is established. Should a fall occur, forces are reduced with its energy-absorbing design to maintain a secure connection to the structure.

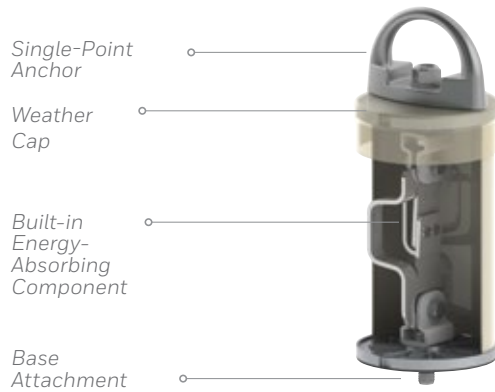
The easy-to-install Miller Fusion Roof Anchor Post is designed for quick set-up and does not require roof penetration to sub-surface rafters or trusses.



Modular bar extenders accommodate additional standing seam widths.

- Versatile single-point anchor adapts to a variety of roof designs – With a variety of models available, the Miller Fusion Roof Anchor Post can accommodate most industrial roof designs including standing seam, membrane, built-up, metal sheathing, concrete and wood.
- Attaches to the surface of existing roof structures – Quick, easy installation reduces cost requiring minimal labor and eliminating the need for roof penetration and repair.
- Significantly reduces the fall forces on the roof structure – In the event of a fall, the top of the Miller Fusion Roof Anchor Post reorients with the force in a direct line and activates the patent-pending energy absorber.
- Durable design that withstands the changing outdoor environment – Internal components are constructed of stainless steel. The steel post and base are plated with zinc followed by a premium powder coating for two layers of protection.
- Models for steel decking, concrete and wood can be used on other non-roof structures.

In the event of a fall, the Miller Fusion Roof Anchor Post orients in the direction of the force, the built-in, energy-absorbing component activates and the base remains securely attached to the roof surface.



Miller Fusion Roof Anchor Post adapts to a variety of roof structures

Applications:

- Roof inspection and maintenance
- Air conditioning, ventilation fan and solar panel maintenance
- Skylight cleaning
- Debris removal from gutters
- Installation and maintenance of satellite dishes and other communication systems



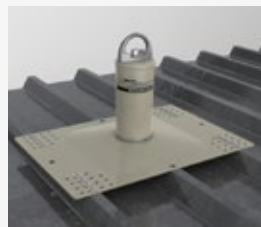
Concrete Decking Design

- Includes concrete expansion anchor kit.
- Installs into concrete decking with minimum thickness of 6.5 inches (165 mm) and minimum concrete compressive strength of 3000 PSI (20.7 MPa).



Standing Seam Design

- Aluminum clamping mechanism is designed to pre-install to the base plate and is self centering for easy installation.
- The clamping bolts are tightened from above the plate for easy fastening and inspection.
- Can be used for permanent and temporary installations.
- Three models are available to accommodate standing seam spacing up to 24-inches (610 mm).*



Metal Sheathing Design

- Designed to attach to metal sheathing with a minimum 24 gauge (0.024-inch [.61 mm]) thickness. Hardware kit includes sealing materials to prevent water damage to roof.



Membrane/Built-up Design

- Easy-to-install toggle kit fastens through membrane, insulation and into metal sheathing, wood sheathing or concrete. Models available for built-up roof thicknesses accommodate up to 10.5 inches (267 mm).



Wood Design

- Includes lag screw kit.
- Installs into plywood with minimum thickness of 5/8-inch (15.9 mm) CDX.
- Designed for temporary installation only.



Multi-Purpose Metal Sheathing, Wood and Concrete Design

- This multi-purpose post uses the same base as models X10011, X10040 and X10050.
- Miller specified hardware must be purchased for this base. (This model does not include hardware.)

DIMENSIONS				
SKU	WIDTH A	LENGTH B	HEIGHT C	POST DIA D
X10000	15.25 in. (387 mm)	18.0 in. (457 mm)	8.6 in. (218 mm)	4.0 in. (102 mm)
X10010				
X10001				
X10011				
X10020				
X10040				
X10040				
X10050				
X10030				
X10031				
X10002		26.0 in. (660 mm)	9.56 in. (243 mm)	

SPECIFICATIONS	
Roof Anchor Post Materials	
Energy Absorber:	Stainless Steel
Internal Connecting Components:	Stainless Steel
Top and Bottom Post Plates:	Anodized Cast Aluminum
Standing Seam/Wood/Metal Base Plate:	Two-layer Zinc/Powder-Coated Steel
Post Tube:	Zinc/Powder-Coated Steel
Post/Base Plate Seal:	HDPE
Post Cap:	Vinyl w/UV Inhibitor
Connection Components Materials	
Standing Seam Clamps:	Anodized Aluminum/Stainless Steel
Extender Bar for Standing Seams:	Anodized Aluminum/Stainless Steel
Hardware for Metal Sheathing:	Hot Dip Galvanized/Neoprene
Hardware for Membrane:	Zinc-Plated Steel/PVC/Neoprene
Hardware for Wood:	Zinc-Plated Steel
Hardware for Concrete:	Stainless Steel
Performance	
Activation Force:	1000 lbs. (4.4 kN)
Maximum Capacity:	310 lbs. (140.6 kg)

SKU	Description	Designed to accommodate
STANDING SEAM ROOFING – Includes post with base and standing seam clamping assembly kit		
X10000	Small base	Standing seam spacing from 11.75 in. (298 mm) to 17 in. (432 mm)
X10001	Large base	Standing seam spacing from 11.75 in. (298 mm) to 21.25 in. (540 mm)
X10002	Large base & extension bars	Standing seam spacing from 11.75 in. (298 mm) to 24 in. (610 mm)
METAL SHEATHING ROOFING – Includes post with base and rivet kit with sealing washers and mastic tape		
X10010	Small base	Metal sheathing w/minimum thickness of 24 gauge (0.024 in. [0.61mm])
X10011	Large base	Metal sheathing w/minimum thickness of 24 gauge (0.024 in. [0.61 mm]). Trapezoidal spacing of 8 in. (203 mm) to 20 in. (508 mm) in one-inch (25.4 mm) increments
MEMBRANE / BUILT-UP ROOFING – Includes post with base and toggle bolt kit		
X10030	Up to 5.5 in. (140 mm) thickness	Fastens through membrane, insulation & into metal sheathing, wood sheathing or concrete with a combined thickness of up to 5.5 in. (140 mm)
X10031	> 5.5 in. (140 mm) & up to 10.5 in. (267 mm) thickness	Fastens through membrane, insulation & into metal sheathing, wood sheathing or concrete with a combined thickness of > 5.5 in. (140 mm) up to 10.5 in. (267 mm)
WOOD SHEATHING (TEMPORARY INSTALLATIONS ONLY) – Includes post with base and lag screw kit		
X10040	Wood sheathing	Plywood with minimum thickness of 5/8-in. (15.9 mm) CDX
CONCRETE ROOFING – Includes post with base and concrete expansion bolt anchor kit		
X10050	Concrete	Concrete decking with minimum thickness of 6.5 in. (165 mm) & minimum concrete compressive strength of 3000 PSI (20.7 MPa)
MULTI-PURPOSE Metal Sheathing, Wood and Concrete roofing (no hardware included) Includes post with base. Hardware selection is based on the application. See instruction manual for hardware specifications		
X10020	Metal sheathing, wood or concrete	<ul style="list-style-type: none"> • Metal sheathing w/minimum thickness of 24 gauge (0.024 in. [0.61 mm]) • Trapezoidal spacing of 8 in. (203 mm) to 20 in. (508 mm) in one-inch (25.4 mm) increments. • Plywood with minimum thickness of 5/8-in. (15.9 mm) CDX • Concrete decking with minimum thickness of 6.5 in. (165 mm) & minimum concrete compressive strength of 3000 PSI (20.7 MPa)

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