







**New!** **MILLER ShockFusion™**  
Horizontal Lifeline Roof System

# SYSTEM COMPONENT SELECTION GUIDE










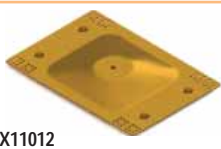






ShockFusion Products Page








## Roof Posts and Top Connection Assemblies

ROOF POSTS	PAIRED WITH TOP CONNECTION ASSEMBLIES	DESIGNED TO ACCOMMODATE
 <p><b>X11008</b> Fusion™ Intermediate Roof Post Reduces force on intermediate post by lowering the force applied to the base</p>	 <p><b>X11014</b> Universal Intermediate Bracket</p>	<p><b>Intermediate HLL Connection</b></p> <ul style="list-style-type: none"> <li>• Straight pass-through</li> <li>• Curves of 5 degrees or less</li> </ul>
	 <p><b>X11016</b> Bendable Intermediate</p>	<p><b>Intermediate HLL Connection</b></p> <ul style="list-style-type: none"> <li>• Straight pass-through</li> <li>• Curves of 25 degrees or less</li> </ul>
 <p><b>X11009</b> ShockFusion™ HLL System End &amp; Corner Roof Post Lowers force on the system</p>	 <p><b>X11015</b> 90 Degree Corner Bracket</p>	<p><b>Corner HLL Connection</b></p> <ul style="list-style-type: none"> <li>• Intermediate curves of 75 to 100 degrees</li> </ul>
	 <p><b>X11017</b> 45 Degree Corner Bracket</p>	<p><b>Corner HLL Connection</b></p> <ul style="list-style-type: none"> <li>• Intermediate curves of 25 to 50 degrees</li> </ul>
	<p>No top connection required 25114, 23500 or 22609 connect the cable lifeline</p>	<p><b>System End</b></p>

Roof Post Bases and Base Mounting Assemblies

ROOF POST BASES	BASE MOUNTING ASSEMBLIES	DESIGNED TO ACCOMMODATE
 <p><b>X11010</b> Small Base for Standing Seam and Metal Sheathing Roofs</p>	 <p><b>X11001</b> Fusion Standing Seam Kit</p>	<p>Connection of Fusion Intermediate Post (X11008) to <b>standing seam</b> spacing from 11.75 in. (298 mm) to 17 in. (432 mm)</p>
	 <p><b>X11018</b> ShockFusion Standing Seam Kit</p>	<p>Connection of ShockFusion End/Corner Post (X11009) to <b>standing seam</b> spacing from 11.75 in. (298 mm) to 17 in. (432 mm)</p>
	 <p><b>X11003</b> Rivet Kit with Sealing Washers and Mastic Tape</p>	<p>Connection of Fusion Intermediate Post (X11008) or ShockFusion End/Corner Post (X11009) to <b>metal sheathing</b> w/minimum thickness of 24 gauge (0.024 in. (0.61 mm))</p>
 <p><b>X11011</b> Large Base for Standing Seam Roofs</p>	 <p><b>X11001</b> Fusion Standing Seam Kit</p>	<p>Connection of Fusion Intermediate Post (X11008) to <b>standing seam</b> spacing from 11.75 in. (298 mm) to 21.25 in. (540 mm)</p>
	 <p><b>X11019</b> Fusion Standing Seam Kit for up to 24-in. spacing</p>	<p>Connection of Fusion Intermediate Post (X11008) to <b>standing seam</b> spacing from 21.25 in. (540 mm) to 24 in. (610 mm)</p>
	 <p><b>X11018</b> ShockFusion Standing Seam Kit</p>	<p>Connection of ShockFusion End/Corner Post (X11009) to <b>standing seam</b> spacing from 11.75 in. (298 mm) to 21.25 in. (540 mm)</p>
	 <p><b>X11020</b> ShockFusion Standing Seam Kit for up to 24-in. spacing</p>	<p>Connection of ShockFusion End/Corner Post (X11009) to <b>standing seam</b> spacing from 21.25 in. (540 mm) to 24 in. (610 mm)</p>
 <p><b>X11012</b> Base for Membrane Roofs</p>	 <p><b>X11004</b> Toggle Bolt Kit for Membrane Roofing up to 5.5-in. thick</p>	<p>Connection of Fusion Intermediate Post (X11008) or ShockFusion End/Corner Post (X11009) through <b>membrane</b>, insulation and into metal sheathing, wood sheathing or concrete with a combined thickness of up to 5.5 in. (140 mm)</p>
	 <p><b>X11005</b> Toggle Bolt Kit for Membrane Roofing 5.5-in. to 10.5-in. thick</p>	<p>Connection of Fusion Intermediate Post (X11008) or ShockFusion End/Corner Post (X11009) through <b>membrane</b>, insulation and into metal sheathing, wood sheathing or concrete with a combined thickness of &gt; 5.5 in. (140 mm) up to 10.5 in. (267 mm)</p>
 <p><b>X11013</b> Multi-purpose Base for Metal Sheathing, Trapezoidal, Wood and Concrete Roofs</p>	 <p><b>X11003</b> Rivet Kit with Sealing Washers and Mastic Tape</p>	<p>Connection of Fusion Intermediate Post (X11008) or ShockFusion End/Corner Post (X11009) to <b>metal sheathing</b> w/minimum thickness of 24 gauge (0.024 in. (0.61 mm)) or Trapezoidal spacing of 8 in. (203 mm) to 20 in. (508 mm) in 1-in. (25.4 mm) increments</p>
	 <p><b>X11006</b> Lag Screw Kit</p>	<p>Connection of Fusion Intermediate Post (X11008) or ShockFusion End/Corner Post (X11009) to <b>plywood</b> w/minimum thickness of 5/8-in. (15.9 mm) CDX</p>
	 <p><b>X11007</b> Concrete Expansion Bolt Anchor Kit</p>	<p>Connection of Fusion Intermediate Post (X11008) or ShockFusion End/Corner Post (X11009) to <b>concrete decking</b> w/minimum thickness of 6.5 in. (165 mm) and minimum concrete compressive strength of 3000 PSI (20.7 MPa)</p>

Shuttle, Cable and Lifeline Installation Components

 <p><b>1005709</b> <b>Xenon Automatic Pass-through Shuttle</b> Self-aligns for smooth pass-through of intermediate brackets. A double-locking mechanism ensures security, yet allows for easy, one-hand operation.</p>	 <p><b>23500</b> <b>Swage Turnbuckle</b> Accommodates 5/16-inch (8 mm) cable.</p>
 <p><b>25114</b> <b>Swage Turnbuckle with Tension Indicator</b> Includes a turnbuckle mechanism for tensioning and tension indicator to show when properly tensioned. Accommodates 5/16-inch (8 mm) cable.</p>	 <p><b>22609</b> <b>Cable End Swage</b> Accommodates 5/16-inch (8 mm) cable.</p>
	 <p><b>8mm7x7ss</b> <b>7x7 Stainless Steel Cable</b> Cable diameter of 5/16-inch (8 mm).</p>

This equipment should only be used after reading and understanding the manufacturer's instructions. Failure to follow instructions could result in serious injury or fatality.



by Honeywell