

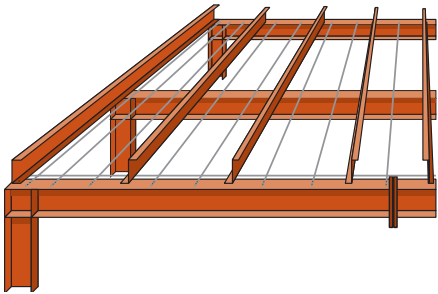
Simple Saver® Air-Tight™ Roof Installation Overview

Please follow complete manufacturers instructions for safety, performance and effectiveness. The following information and detail overview is how our insulation and finishing systems are installed and shall only be used to understand the basic process.



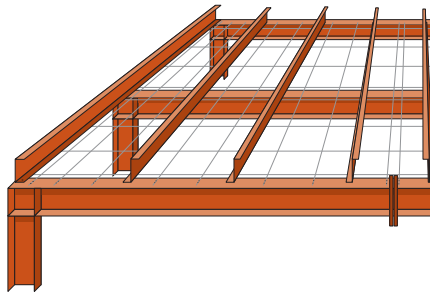
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Step 1 - Longitudinal Straps



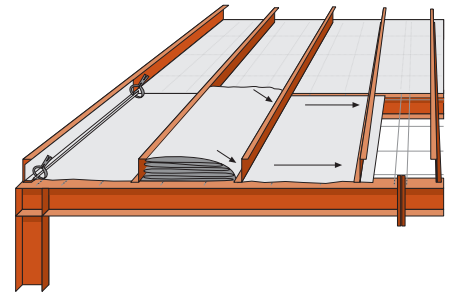
Install longitudinal UVMAX™ steel straps, parallel with the purlins, over each rafter and fasten end of straps to endwall rafters. Longitudinal strap spacing indicated on each project drawing.

Step 2 - Traverse Straps



Install traverse UVMAX™ steel straps, perpendicular and under purlins. Fasten at ridge purlin and end of straps to the bottom of eave purlins. Traverse strap spacing indicated on each project drawing.

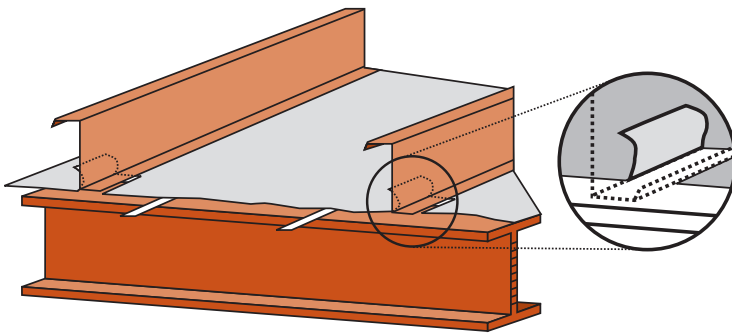
Step 3 - Fabric & Fasten



Place Syseal® air barrier fabric on steel strap platform and clamp at corners. Feed the fabric underneath all purlins. It is important to keep fabric square in working roof area. Once fabric is positioned, fasten the fabric and intersecting straps to the bottom of the purlin.

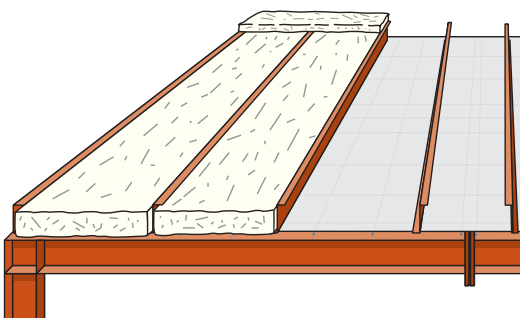
Step 4 - Trim & Seal

Trim edges of fabric to fit neatly around the points where the purlins are connected to the rafters. Do not over cut the fabric. Effectively seal the fabric to the top of the rafters with Simple Saver High-Tack Sealant™.



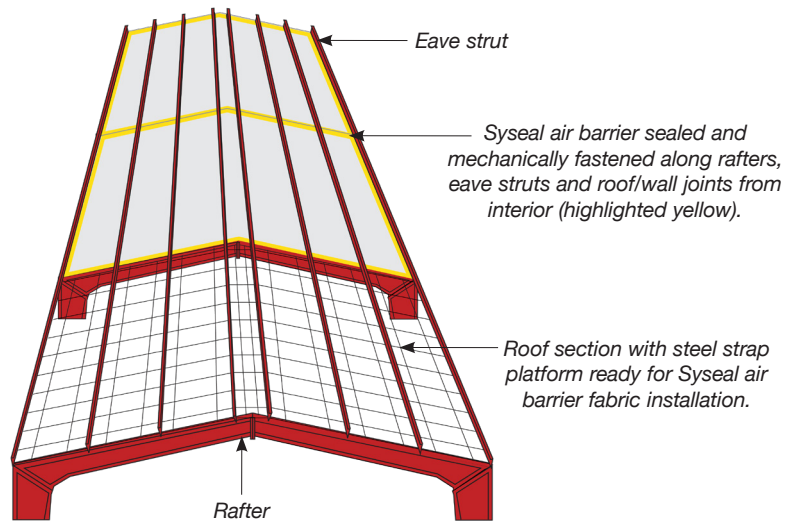
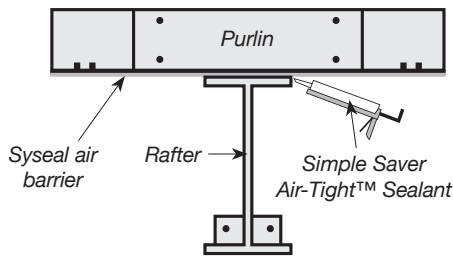
Step 5 - Insulate

Install unfaced insulation material onto the Syseal fabric to completely fill the purlin spaces. Bottom layer(s) installed uncompressed and parallel between purlins. Top layer installed perpendicular and above purlins.



Step 6 - Air-Tight Sealant

Syseal® air barrier fabric sealed around perimeter using Simple Saver Air-Tight Sealant™ along rafters and eave purlins.



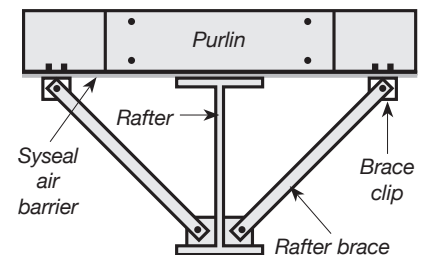
ITEMS TO CONSIDER

Rafter Brace Clips

Rafter brace clips (typically from building manufacturer) are ideal to connect rafter braces to roof purlins because it eliminates cutting the air barrier fabric at each brace. Brace clips are fastened through the clip, through the fabric and into the bottom purlin flange.

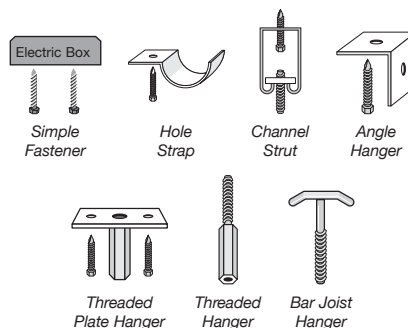


Simple Saver Air-Tight Sealant™ estimated and included with system.



Common Hanging Methods

Virtually anything can be attached to the underside of the purlins with negligible effect on the air barrier. Self-drilling fasteners with attachment options are ideal to minimize and eliminate cuts. Simple Saver Air-Tight Sealant may be used to seal around 3rd party fastening methods.



Self-drilling fasteners with rubber sealing washers included for system installation.

Communication is Key

Discuss air barrier objectives and fastening alternatives to preserve the integrity Simple Saver Air-Tight System. Encourage other trades (mechanical, electrical, plumbing) to design and install hanging items using the bottom plane of purlins as a guide. Schedule trades only after the system has been installed.



Scan for Simple Saver® Air-Tight™:

- Specifications
- Brochure
- Instructions
- Things To Consider