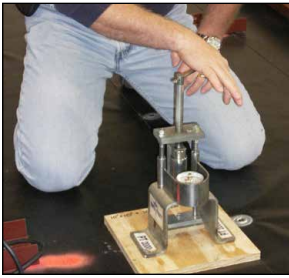


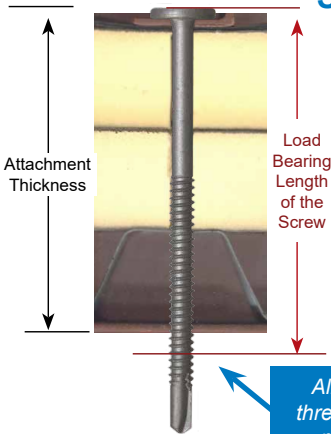
This guide is designed to help you with the selection and installation of fasteners to attach framing to an existing wall or roof substrate. Care should be taken to use a fastener that meets or exceeds the load requirements specified by the engineer or specifier. Contact TFC for additional assistance.



STEP 1 ANALYZE ROOF

Conduct pullout and compression tests prior to bid to determine if the existing roof can support the new roof system. Pullout testing will help in selecting the proper diameter and length of fastener.

Contact TFC...we offer job-site pullout testing.



STEP 2 SELECTION OF FASTENER

- The existing roof system can consist of various materials. Be sure to analyze all areas of the failed roof to determine the proper fasteners.
- The length of the screw must extend a minimum of 7/8" beyond the steel structure to assure that at least three (3) full threads extend beyond the structure.

Contact TFC for assistance.

EXAMPLE: Attachment Thickness | METAL

Measure from the top surface of the material being fastened to the underside of the metal. Be sure to allow for any void or insulation.

Select a screw length (BLAZER® or CONCEALOR®) where the "Load Bearing Length" is greater than or equal to the "Attachment Length".



STEP 3 INSTALLATION

- Screws install best at 2,000 rpm screw-gun speed.
- Install fasteners perpendicular to the existing roof.
- Do not apply excessive pressure during installation taking great care to attach to the existing structure.
- Sealant should be used under bearing plates to seal penetration in case moisture is present prior to installation of the new roof system
- Use only high quality sealants to seal all penetrations.

Contact TFC for assistance.



TFC can provide job-site assistance and technical support to assist in selecting the proper fastener for your application. Selecting the fastener is responsibility of the user or specifier. Because job-site conditions vary, TFC assumes no liability for the use of this information.