

Anchor Products Shear & Tension Testing

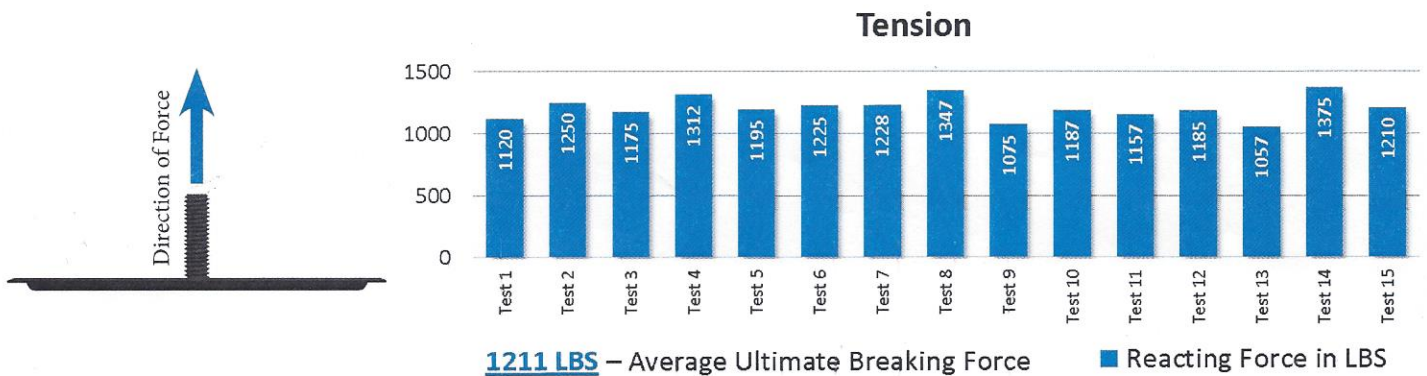
Scope: On July 17, 2014, Anchor Products conducted Tension & Shear Testing on thirty (30) U-Anchor Plates, randomly chosen from our inventory. Fifteen in tension and fifteen in shear. (Note: Shear testing was conducted at the base of the stud where it meets the plate.) Each plate has a standard 3/8”-16 x 1-1/2” stainless steel bolt welded on to it.

Attending Technician: Gary Calderwood, Director of Engineering - Anchor Products, LLC.

Witnessed By: Ronald K. Farleman, Professional Engineer - Nautilus Engineering

Tested in accordance with TAS 117-95, Appendix B - *Test Procedure for Dynamic Pull-Through Performance of Roofing Membranes over Fastener Heads or Fasteners with Metal Bearing Plates*, © FBC, 1995

Results are recorded in reacting force in lbs.



Results: Failure Mode: In all cases, the failure occurred at the weld junction between the bolt and plate.

Analysis: Upon analysis of test results, it is our professional opinion that the U-Anchor Plate - when installed in accordance with Anchor Product’s published installation requirements - will yield similar results as outlined above.

U-Anchor 2400 & U-Anchor 2600 provide consistent performance for all commercial roof types with a minimally invasive attachment solution that is accepted by roofing manufacturers.

Anchor Product’s support staff are positioned throughout the US to assist with rooftop identification, project specific testing, and offer access to a network of authorized contractors for any commercial rooftop system.

Ronald K. Farleman, P.E.



Box 1551, Colleyville, TX 76034 | 888-575-2131
www.anchorcorp.com | info@anchorcorp.com