



Report of Discrete Ultra XL Anchor Pullout Testing

Client: Precision Wall Systems, Inc., dba Gridworx **Report No.:** 14618-581
Project: Discrete Ultra XL 571 Anchor
Project No.: 20-00157-900-02 **Date of Service:** 06/02/21

Construction Testing Sciences (CTS) was retained by Precision Wall Systems, Inc., dba Gridworx to perform pullout testing on "L" brackets simulating wind load. This testing was performed on "L" brackets identified as Ultra XL Anchor, Part Number 570. This testing was achieved by securing a 12" long section of Ultra XL Anchor to a rigid test fixture which was secured to the tensile test machine. A 4" long piece of Discrete Dead Load Rail, Part Number 571 was interlocked into the Ultra XL Anchor. A tensile fixture was then secured to the dead load rail to allow for tensile loading. A tensile load was then applied to the dead load rail until failure. Results of these tests are given below.

Sample No.	Ultimate Load (lbs.)	Failure Mode
1	2050	Clip fracture at die mark
2	1988	Clip fracture at die mark
3	2030	Clip fracture at die mark
4	2060	Clip fracture at die mark
5	1953	Clip fracture at die mark
Average	2016	

Note: Load applied at a rate of 500 lbs. per minute.

We trust the information provided is acceptable for your use. If you have any questions or require additional information please contact us.

Respectfully submitted,



Jack Gary
 General Manager

LIMITATIONS: The test results presented herein were prepared based upon the specific samples provided for testing. We assume no responsibility for variation in quality (composition, appearance, performance, etc.) or any other feature of similar subject matter provided by persons or conditions over which we have no control. Our letters and reports are for the exclusive use of the clients to whom they are addressed and shall not be reproduced except in full without the written approval of Construction Testing Sciences, LLC.