



## Gridloc II Bond Adhesion Testing

**Client:** Gridworx  
**Project:** R & D Testing  
**Project No.:** 20-00157-900-01

**Report No.:** 13864  
**Date:** 02/26/20

### Sample Identification

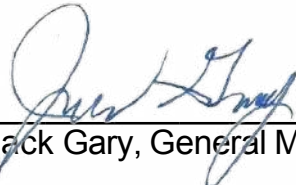
Test samples were prepared by the client with extruded aluminum hardware secured to the fiberglass mesh on the back face of the Dekton utilizing Gridloc II adhesive. The fiberglass mesh was factory applied to the Dekton with epoxy.

### Test Procedure

The samples were secured to a fixture in the test machine. A tensile fixture was then secured to the aluminum extrusion and tensile load (perpendicular to the plain of the Dekton) was applied at 600 lbs. per minute until failure.

Sample Number	Anchor Size (Square inches)	Failure Load (lbs)	Failure Load (psi)	Failure Mode
1	17.44	2410	138	Adhesive Failure
2	18.04	2380	132	Adhesive Failure
3	17.04	2450	144	Adhesive Failure
4	17.24	2430	141	Adhesive Failure
5	17.84	2370	133	Adhesive Failure
6	18.00	2250	125	Adhesive Failure
7	17.80	2270	128	Adhesive Failure
8	17.56	2490	142	Adhesive Failure
<b>Average</b>			<b>135</b>	

Technician: J. Halverson

  
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 Jack Gary, General Manager