Founded 1929 St. Louis Testing Laboratories INCORPORATED

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Chemical, Metallurgical, Mechanical, Nondestructive, Environmental Testing, Analyses and Field Service.

ARCOPLAST
1873 Williamstown Drive
St. Peters, MO 63376

May 21, 2020
Lab No. 20P-2156
Invoice No. 270963

Attention: Ghislain Beauregard

REPORT OF MECHANICAL TEST

Group 3: **Arcoplast GFRMC Panel 9.5mm**
Joint System Bonded to Galv. Metal Plate 1"x3" with A-2020 NO VHB Tape
IPA 50/50 Water Cleaner – A-2020 Full Width 1"x1.5" on Each Side of Joint
A-1010 Bio-Seal Joint Finish
Sample 1" wide x 8" long, Joint Centered 1.5" on Each Side of Plate

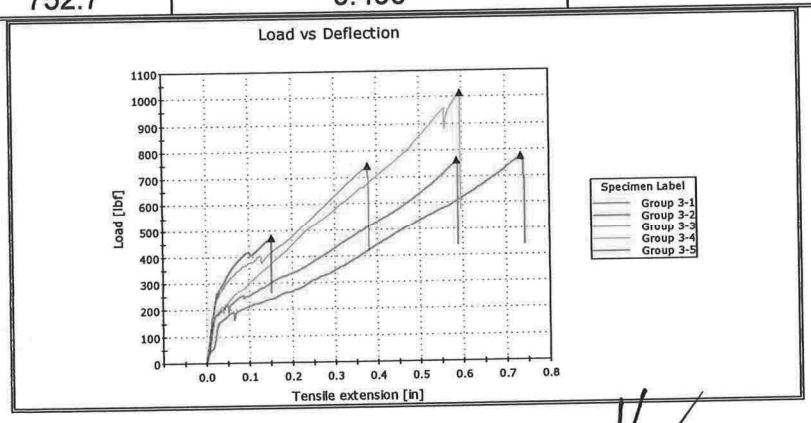
SUBJECT: Tensile Strength Test

METHOD: Per Client's Instructions

INSTRUMENT: Instron 5500R with Bluehill software

RESULTS:

Specimen #	Max Load (lbf)	Tensile Extension @ Max Load (in)	Failure Mode
1	760.8	0.587	100% Adhesive
2	773.3	0.736	Substrate Delamination
3	742.4	0.378	100% Adhesive
4	1015.7	0.595	
5	471.2	0.152	
Average	752.7	0.490	---



Karl Schmitz, Director
Materials Testing

KS/jlb

MEMBER ACIL

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