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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
 Page 7 of 26

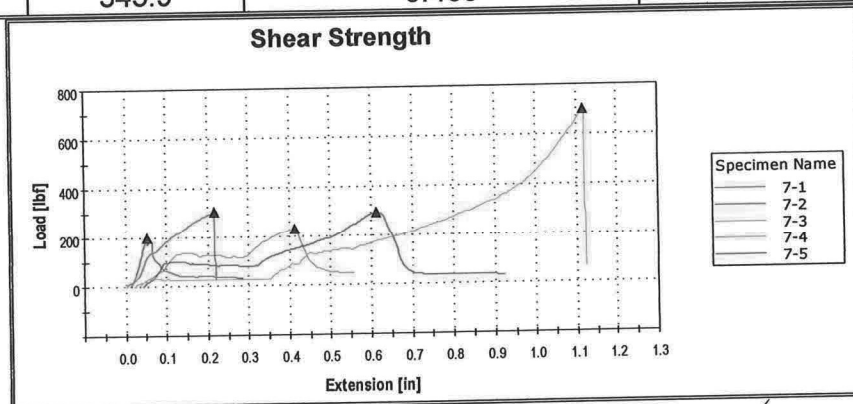
Attention: Ghislain Beauregard

REPORT OF MECHANICAL TEST

Group 7: **Arcoplast GFRMC Panel 9.5mm**
 Shear Strength Test- Galv. Metal Plate 1"x3" with A-2020 and 0.5" VHB Tape by 1"
 IPA 50/50 Water Cleaner - A-2020 for 1" Long x 0.5" Wide with VHB 4956 0.5" x 1"
 Sample 1" wide x 5.75" long

SUBJECT: Shear Strength Test
METHOD: Per Client's Instructions
INSTRUMENT: Instron 5500R with Bluehill software
RESULTS:

Specimen #	Max Load (lbf)	Extension @ Max Load (in)	Failure Mode
1	305.4	0.216	Adhesive at Metal
2	198.6	0.040	
3	230.2	0.390	50% Adhesive at Metal/ 50% Adhesive at Panel
4	701.8	1.083	Adhesive at Panel
5	293.7	0.570	
Average	345.9	0.460	---




Karl Schmitz, Director
Materials Testing