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

ARCOPLAST
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 St. Peters, MO 63376

May 21, 2020
 Lab No. 20P-2156
 Invoice No. 270963
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Attention: Ghislain Beauregard

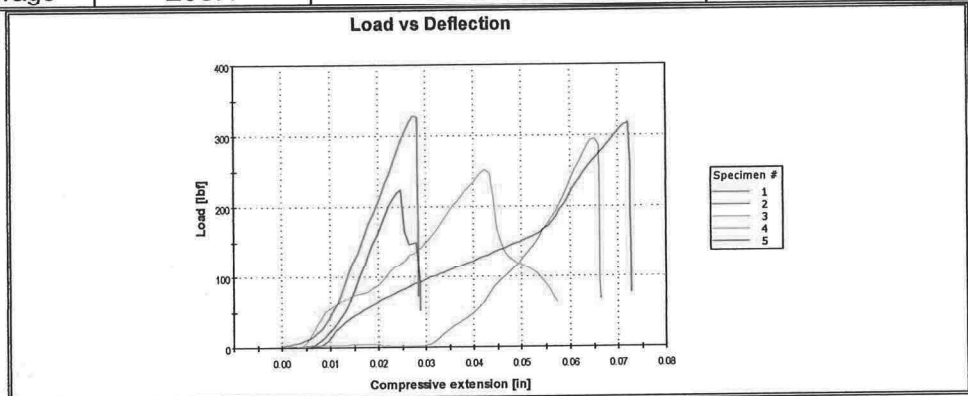
REPORT OF MECHANICAL TEST

Group 24: Arcoplast GFRMC Panel 5mm Bonded to Concrete (5,000 psi)
 Shear Strength Test- 2"x 2.5"x4"- GFRMC 5mm 1"x4" with A-2020 Adhesive
 GFRMC Wipe with IPA 50/50 Water Cleaner - A-2020 Adhesive
 Concrete Block- Dry Wipe

SUBJECT: Lap 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	328.5	0.027	Concrete Failure
2	317.0	0.071	
3	294.4	0.062	
4	251.5	0.038	75% Adhesive at Panel/ 25% Adhesive at Concrete
5	224.0	0.019	Concrete Failure
Average	283.1	0.044	---



Karl Schmitz, Director
 Materials Testing

KS/jlb

