

BOWSER-MORNER, INC.

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REPORT OF CONCRETE FLEXURAL STRENGTH TESTS (ASTM C 78)

Report To: Abilities First
Attn: Jonathan Petefish
1370 E. Primrose St.
Springfield, MO 65804

Report Date: 7/20/18
Job No.: 185302
Report No.: 601277A
No of Pages: 1

Procedure: ASTM C 78, "Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)"

Sample ID: Lightweight Concrete

Specimen ID:	2A	2B	2C	2D	2E	2F	2G	2H	2I
Curing Age, Days:	7	7	7	28	28	28	56	56	56
Width, Inches:	3.06	3.04	3.06	3.08	3.05	3.07	3.10	3.00	3.10
Depth, Inches:	3.01	3.02	3.02	3.01	3.02	3.01	3.00	3.00	3.02
Span, Inches:	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
Maximum Load, lbs.:	460	270	400	780	720	680	780	720	590
Flexural Strength, psi:	150	90	130	255	235	225	255	240	190
Avg. Flexural Strength, psi:	125			240			230		

REMARKS:

Beam was not kept wet or soaked for 24 hours before breaking as required by ASTM C 78.

Should you have any questions or if we can be of further service, please contact me at extension 322.

Respectfully submitted,

BOWSER-MORNER, INC.

Karl A. Fletcher, Manager
Construction Materials and
Geotechnical Laboratories

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