



**FLEXURAL STRENGTH OF
GLASS FIBER REINFORCED CONCRETE**

Project Number:	107964C	Report Date	01/04/08
Project Name:	Aristone Concrete Design	Type of Sample	GFRC- Sprayed
	1615 E. Weber Drive	Test Method:	ASTM C 947
	Tempe AZ, 85281	Date Cast:	12/06/07
Client Name:	Charlie Martin	Date Tested:	01/02/08
		Age, Days:	27

Test Conditions and Results

Sample ID:	Set 1	Bulk Density, pcf:	ASTM C 948
Glass Content. %:	..	Absorption, %:	ASTM C 948
Sample Conditioning:	Wet	Elastic Modulus, psi:	PCI MNL -130
Test Span, in:	10		
Crosshead Speed, in/min:	0.2		

Laboratory Test Results

SAMPLE NUMBER	WIDTH (in)	DEPTH (in)	FLEXURAL LOAD		FLEXURAL STRENGTH		REMARKS
			YIELD LOAD (lbs)	ULTIMATE LOAD (lbs)	YIELD STRENGTH (psi)	ULTIMATE STRENGTH (psi)	
1.	2.04	0.453	7	8	167	191	OK
2.	2.00	0.464	7	8	163	186	OK
3.	2.00	0.464	7	8	163	186	OK
4.	1.96	0.449	7	9	177	228	OK
5.	2.02	0.443	7	8	177	202	OK
6.	2.04	0.472	6	7	132	154	OK
Average					163	191	

Specimens will be discarded after 28 days

Remarks:

Cc:

Reviewed by

Mohammed Faiyaz

Mohammed Faiyaz
Laboratory Manager



ACCREDITED

ASTM C 947 Only