

WINGERTER LABORATORIES INC.

Engineering Testing & Inspection Services

1820 N.E. 144 St., North Miami, FL 33181

Phone (305) 944-3401 Fax (305) 949-8698

REPORT OF : PAVER BRICK LABORATORY TEST REPORT

CLIENT: Artistic Paver Manufacturing Company
PROJECT: Paver Brick Testing - 2002
LOCATION: WLI Laboratory: 1820 NE 144 Street, North Miami, FL
REPORTED TO: Artistic Paver Manufacturing Company
c/o Essig Pools, Inc., Attn: Mr. Dan Essig
15366 West Dixie Highway, North Miami Bch, FL 33162

REPORT NO: 1
ORDER NO: 02-1839

FLEXURAL STRENGTH TESTING

SET NO.: 1 - 24" x 24" (Nominal)

Sample No.	Span Length (Inches)	Width (Inches)	Crack Distance from Center (Inches)	Depth at Crack (Inches)	Total Load (lbs.)	Flexural Strength (PSI)
1a	21.625	23.625	0.875	1.714	1,590	683
1b	21.625	23.625	1.375	1.714	1,340	547
1c	21.625	23.625	0.375	1.714	1,810	817
1d	21.625	23.625	0.500	1.714	1,760	785
1e	21.625	23.625	0.500	1.714	1,690	753
AVERAGE:						717 PSI

SET NO.: 2 - 16" x 16" (Nominal)

Sample No.	Span Length (Inches)	Width (Inches)	Crack Distance from Center (Inches)	Depth at Crack (Inches)	Total Load (lbs.)	Flexural Strength (PSI)
2a	13.625	15.625	0.25	1.714	1,580	678
2b	13.625	15.625	1.00	1.714	1,860	707
2c	13.625	15.625	1.00	1.714	1,750	665
2d	13.625	15.625	2.00	1.714	2,120	667
2e	13.625	15.625	0.25	1.714	1,840	789
AVERAGE:						701 PSI

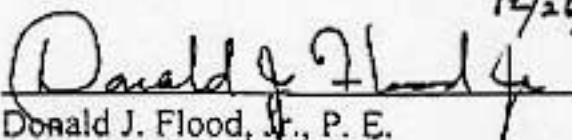
SET NO.: 3 - 12" x 12" (Nominal)

Sample No.	Span Length (Inches)	Width (Inches)	Crack Distance from Center (Inches)	Depth at Crack (Inches)	Total Load (lbs.)	Flexural Strength (PSI)
3a	9.875	11.875	0.00	1.714	1,550	658
3b	9.875	11.875	2.00	1.714	2,010	508
3c	9.875	11.875	0.25	1.714	1,900	766
3d	9.875	11.875	0.75	1.714	2,270	998
3e	9.875	11.875	1.625	1.714	2,600	741
AVERAGE:						734 PSI

REMARKS: Tested in accordance with ASTM C-67.

Tested By: N. Henderson / L. Rodriguez

Respectfully Submitted,
WINGERTER LABORATORIES, INC.


Donald J. Flood, Jr., P. E.
FL Registration No. 44847

The original of this report was signed and sealed by the above Registered Professional Engineer in accordance with Rule 61G15 - 18.011 of Florida Administrative Code. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.