

# WINGERTER LABORATORIES, INC.

Engineering Testing Inspection Services  
 1820 NE 144th Street, North Miami, FL 33181  
 TELEPHONE: 305-944-3401 FACSIMILE: 305-949-8698

## COMPRESSIVE STRENGTH OF GROUT CYLINDERS

**CLIENT:** Blue World Crete, Inc.  
**CONTRACTOR:**  
**PROJECT:** Quality Control 2011  
**LOCATION:** WLI Testing Facility, North Miami, FL

**REPORT NO:** 2  
**ORDER NO:** 11-1230  
**PERMIT NO.:**  
**P. O. NO.:**

TRUCK TICKET INFORMATION	FIELD TEST DATA	POUR LOCATION:
Conc. Supplier: Blue World Crete, Inc Ticket No.: NR Mix Code: Geo-Blue Mortar Plant: NR Time Batched: NR Code Strength: 3000 Truck No: NR Batch Size: NR	Technician: Client Field Mark: AUG92 Time Sampled: NR Batch Time: Slump: NR Conc. Temp.: NR Air Temp.: NR Weather: NR Type of Mold: NR Air (%): NR Unit Wgt.: NR Yield: NR Cu. Yd. Sampled: NR No. Cyls Made: 6 Water Added: NR Before or After: NR Admixture: NR Curing Method: Moisture Room	Geo-Blue Mortar

### LABORATORY TEST DATA

Lab No.	Sample No.	Dia. (In)	Area (Sq. In.)	Date Made	Date Tested	Age (Days)	Break Type	Total Load (P)	Compressive Strength(PSI)
5863	15	3		15-Aug-11	15-Aug-11	0	4		0
5864	16	3		15-Aug-11	15-Aug-11	0	4		0
5861	13	3	7.07	15-Aug-11	18-Aug-11	3	4	20,620	2,920
5862	14	3	7.07	15-Aug-11	22-Aug-11	7	4	26,830	3,790
5865	17	3	7.07	15-Aug-11	12-Sep-11	28	4	29,160	4,120
5866	18	3	7.07	15-Aug-11	12-Sep-11	28	4	30,070	4,250

<b>COPIES ISSUED TO:</b> Blue World Crete, Inc. Check Status	1: WELL FORMED CONES 2: CONE & V. SPLIT 3: COLUMNAR W/ NO CONES 4: DIAGONAL 5: SIDE FRACTURES @ TOP OR BOTTOM 6: POINTED
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Weight of 1st Cylinder:

**Remarks:** Cylinders cast and information provided by client. (1) 14 & (1) 28 Days was use Sulfate

All field and laboratory tests and sample curing performed in accordance with applicable ASTM Test Methods. Average of 28 day strengths complied with required and/or mix code strength UNLESS DENOTED BY AN ASTERISK(\*). Cylinders are 6" x 12", unless otherwise indicated. Batch time denotes the time from batching to sampling

Respectfully submitted,  
**WINGERTER LABORATORIES, INC.**  
  
 Robert H. Schuler, P.E., P.G.  
 Florida License No. 34715

The original of this report was signed and sealed by the herein referenced registered engineer in accordance with Rule 61G15-18.011 of the Florida Administration 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.

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## COMPRESSIVE STRENGTH OF GROUT CUBES

**CLIENT:** Blue World Crete, Inc.  
**CONTRACTOR:**  
**PROJECT:** Quality Control 2011  
**LOCATION:** WLI Testing Facility, North Miami, FL

**REPORT NO:** 1  
**ORDER NO:** 11-1230  
**PERMIT NO.:**  
**P. O. NO.:**

TRUCK TICKET INFORMATION	FIELD TEST DATA	POUR LOCATION:
Conc. Supplier: Blue World Crete, Inc Ticket No.: NR Mix Code: Geo-Blue Mortar Plant: On-Site Time Batched: NR Code Strength: 3000 Truck No: NR Batch Size: NR	Technician: Client Field Mark: AUG91 Time Sampled: NR Batch Time: Slump: NR Conc. Temp.: NR Air Temp.: NR Weather: NR Type of Mold: Brass	Air (%): NR Unit Wgt.: Yield: NR Cu. Yd. Sampled: NR No. Cyls Made: 12 Water Added: NR Before or After: NR Admixture: NR Curing Method: Moisture Room
		Geo-Blue Mortar

### LABORATORY TEST DATA

Lab No.	Sample No.	Dia. (In)	Area (Sq. In.)	Date Made	Date Tested	Age (Days)	Break Type	Total Load (P)	Compressive Strength(PSI)
5849	1	2	4	15-Aug-11	18-Aug-11	3	4	8,280	2,070
5850	2	2	4	15-Aug-11	18-Aug-11	3	4	7,580	1,900
5851	3	2	4	15-Aug-11	22-Aug-11	7	4	13,670	3,420
5855	4	2	4	15-Aug-11	22-Aug-11	7	4	14,450	3,610
5856	5	2	4	15-Aug-11	29-Aug-11	14	4	14,840	3,710
5857	6	2	4	15-Aug-11	29-Aug-11	14	4	17,700	4,430
5858	7	2	4	15-Aug-11	12-Sep-11	28	4	17,720	4,430
5859	8	2	4	15-Aug-11	12-Sep-11	28	4	17,320	4,330

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Weight of 1st Cylinder: 0.6

**Remarks:** Cylinders cast and information provided by client.

All field and laboratory tests and sample curing performed in accordance with applicable ASTM Test Methods. Average of 28 day strengths complied with required and/or mix code strength UNLESS DENOTED BY AN ASTERISK(\*). Cylinders are 6" x 12", unless otherwise indicated. Batch time denotes the time from batching to sampling

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		Geo-Blue Mortar

## LABORATORY TEST DATA

Lab No.	Sample No.	Dia. (In)	Area (Sq. In.)	Date Made	Date Tested	Age (Days)	Break Type	Total Load (P)	Compressive Strength(PSI)
5860	9	2	4	15-Aug-11	12-Sep-11	28	4	17,420	4,360
5852	10	2	4	15-Aug-11	12-Sep-11	28	4	18,010	4,500
5853	11	2	4	15-Aug-11	12-Sep-11	28	4	17,840	4,460
5854	12	2	4	15-Aug-11	12-Sep-11	28	4	18,110	4,530

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