

3310 Airport Way, Long Beach, CA 90806 Fax: 562.426.6424 Ph: 562.426.3355 www.twininglabs.com

## **Compression Test On Concrete**

Customer: ARTO BRICK - CALIFORNIA PAVERS

15209 SOUTH BROADWAY STREET

GARDENA, CA. 90248

Print Date: 02/10/2011

Lab Number: 1-11-110179170

Project No: 100220.1

Permit No:

OSHPD:

DSA AP #:

File #:

Project: Arto Brick California Pavers - Product Testing

3310 Airport Way

Long Beach, CA. 90806

Architect

Contractor

Engineer

SubContractor

**Customer's Client:** 

Air Content (%):

Ambient Temp (F): Concrete Temp (F):

Density (pcf):

Test Date: 2/1/2011

Sampled From: 'DUMMY SHEET' PLANT 2 Specified Measured Slump (In):

Date Cast: 1/25/2011 Received On: 1/27/2011 Mix: INFO ONLY

2/1/2011

Specimen By: CLIENT - ARTO Delivered By: CLIENT

Spec Str. (Psi): N/I Spec Str. (Psi): 0

@ 0

@

28 Day

Days Days

28 Day

4-4 5-5

6-6

28 Day

Specimen #: 1-3 2-1 3-2 Cust Spec #: 3 2 Age (Days): 7 Day 7 Day 7 Day Dims (in): 6.01X12.00 6.01X12.00 6.01X12.00 Area (sq. in): 28.37 28.37 28.37 2.00 L/D or hp/tp: 2.00 2.00 Total Load (lbf): 122590 115480 124830 Comp Str (psi): 4321 4071 4400 Corr Factor: 1.00 1.00 1.00

4070

2/1/2011

Average 7 Day Strength:

4400

4263

Procédures: ASTM C31 (Specimen Prep), ASTM C39 (Compressive Strength), ASTM C143 (Slump)

Specimen Shape: Cylinders

Compliance:

Corr Str (psi): 4320

SHAFIQ POPALZAI - FILE COPY

ARTO BRICK - CALIFORNIA PAVERS

**eLINK** 

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Comments:

Shafiq Popalzai

Civil Engineer

Date



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Customer: ARTO BRICK - CALIFORNIA PAVERS

15209 SOUTH BROADWAY STREET

GARDENA, CA. 90248

Print Date: 02/10/2011

Lab Number: 1-11-110179171

Project No: 100220.1

Project: Arto Brick California Pavers - Product Testing

3310 Airport Way

Long Beach, CA. 90806

Permit No:

OSHPD:

DSA AP #:

File #:

**Architect** 

Contractor

Engineer

**SubContractor** 

**Customer's Client:** 

Sampled From: 'DUMMY SHEET' PLANT 1

Specified Slump (in): Air Content (%):		Measured	Date Cast: 1/25/2011 Received On: 1/27/2011 Mix: INFO ONLY		<sup>1</sup> Delive	Specimen By: CLIENT - ARTO Delivered By: CLIENT Y		
Density ( Amblent Tem	., ,		Spec Str. (Psi):	N/I	@		Days	
Concrete Tem	,		Spec Str. (Psi):	0	@	0	Days	
Test Date:	2/1/2011	2/1/2011	2/1/2011					
Specimen #:	1-1	2-2	3-3		4-4		5-5	6-6
Cust Spec #:	1	2	3		4		5	5
Age (Days):	7 Day	7 Day	7 Day		28 Day		28 Day	28 Day
Dims (in):	6.01X12.00	6.01X12.00	6.01X12.0	00	•		•	,
Area (sq. in):	28.37	28.37	28.37					
⊔D or hp/tp:	2.00	2.00	2.00					
otal Load (lbf):	127510	118190	130170					
Comp Str (psi):	4495	4166	4589					
Corr Factor:	1.00	1.00	1.00					
Corr Str (psi):	4500	4170	4590					
			Average 0 S	Strengt	h: 4	420		

Procedures: ASTM C31 (Specimen Prep), ASTM C39 (Compressive Strength), ASTM C143 (Slump)

Specimen Shape: Cylinders

Compliance:

SHAFIQ POPALZAI - FILE COPY

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eLINK

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Comments:

Shafiq Popalzai

Civil Engineer

Date