

TEST REPORT
THE BISHOP MATERIALS LABORATORY

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Results of Tests on Brick conducted in accordance with ASTM C67-13 Standard Method for Sampling and Testing Brick and Structural Clay Tile

11/08/2013

Name:	Pacific Clay Products Inc 14741 Lake Street Lake Elsinore, CA 92530-1609	Plant:	Pacific Clay Products	*Temperature: 70 - 77F
Phone:	951-805-4265	Report Number:	PCP-0046	*Humidity: 45% - 55%
Fax:		Received Date:	10/02/2013	
		Sampled Date:	10/02/2013	
		Lot:		
		Product Code:		

Sample Description: **Alberhill Red**

						Average	Test Date	
Absorption	1	2	3	4	5			
24 Hour Submersion in Cold Water (%)	7.30	7.45	8.24	6.93	7.33	7.45	10/08/2013	
5 Hour Submersion in Boiling Water (%)	9.50	9.64	10.42	9.15	9.53	9.65		
Saturation Coefficient (Ratio of 24H to 5H)	0.77	0.77	0.79	0.76	0.77	0.77		
*Measurement Uncertainty ± 0.55 %		*The 1 and 2 hour boiled water absorption tests are not required by the customer						
Compressive Strength	1	2	3	4	5	Average		
<i>psi</i>	10,515	12,045	9,680	11,937	12,759	11,387	10/08/2013	
<i>MPa</i>	72.5	83.0	66.7	82.3	88.0	78.5		
*Measurement Uncertainty ± 231 psi								
Efflorescence	11	12	13	14	15			
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		10/17/2013	
Abrasion Resistance	1	2	3	4	5	Average		
	0.07	0.06	0.09	0.06	0.06	0.07	10/17/2013	

The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:

ASTM C 902 - 13 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX
Type: I, II, III

John Sanders, Ph.D., PE, Director

Gary W. Parker, Laboratory Supervisor

*This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2

*The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 70 - 77F, and 45-55%

The results shown above apply only to the samples tested, which are provided by the customer.

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