



**TEST REPORT**

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*Results of Tests on Brick conducted in accordance with ASTM C67-14 Standard Method for Sampling and Testing*

*Brick and Structural Clay Tile*

04/10/2016

Name:	Pacific Clay Products Inc 14741 Lake Street Lake Elsinore , CA 92530-1609	Plant:	Pacific Clay Products	*Temperature: 60 - 90F
Phone:	951-674-2131 Ext119	Report Number:	6887-14373	*Humidity: 30% - 70%
Fax:		Received Date:	03/29/2016	
		Sampled Date:	03/29/2016	
		Lot:		
		Product Code:		

Sample Description: **Light Iron Spot 2 5/8**

						Average	Test Date
<b>Absorption</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>		
24 Hour Submersion in Cold Water (%)	4.74	4.56	4.13	4.54	4.27	4.45	04/01/2016
5 Hour Submersion in Boiling Water (%)	7.18	7.12	6.59	7.00	6.64	6.91	
Saturation Coefficient (Ratio of 24H to 5H)	0.66	0.64	0.63	0.65	0.64	0.64	
<b>Compressive Strength</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>	
<i>psi</i>	10,111	11,473	12,479	11,982	11,274	11,464	04/01/2016
<i>MPa</i>	69.7	79.1	86.0	82.6	77.7	79.0	
<b>Breaking Load</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>Average</b>	
<i>(lb/in.)</i>	1,033	639	1,063	920	1,050	941	03/31/2016
<b>Efflorescence</b>	<b>11</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>		
	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced	Not Effloresced		04/08/2016
<b>IRA (Oven Dried Method)</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>Average</b>	
<i>g/min/30 in.<sup>2</sup></i>	7.4	6.2	6.9	6.9	6.7	6.8	03/31/2016
<b>Abrasion Resistance</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>	
	0.05	0.04	0.03	0.04	0.04	0.04	03/31/2016

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

ASTM C 1272 - 14 Standard Specification for Heavy Vehicular Paving Brick  
Type: R, F

ASTM C 902 - 14 Standard Specification for Pedestrian and Light Traffic Paving Brick  
Class: SX, MX, NX

Type: I, II, III

Michael Walker, Quality Manager

*\*The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 -90F, and 30-70% RH  
The results shown above apply only to the samples tested, which are provided by the customer.  
This test report shall not be reproduced except in full, without written approval of the laboratory.*