

Results of Tests on Brick conducted in accordance with ASTM C67-12 Standard Method for Sampling and

Testing Brick and Structural Clay Tile

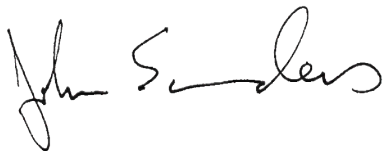
04/08/2013

Name:	Pacific Clay Products Inc 14741 Lake Street Lake Elsinore, CA 92530-1609	Plant:	Pacific Clay Products
Phone:	951-805-4265	Report Number:	PCP-0034
Fax:		Sampled Date:	03/13/2013
		Lot:	
		Product Code:	
Sample Description:	<b>Burgundy</b>		

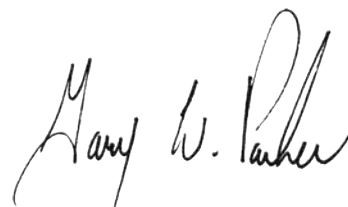
							Test Date
<b>Absorption</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
24 Hour Submersion in Cold Water (%)		1.15	1.89	1.52	1.55	1.63	1.55
5 Hour Submersion in Boiling Water (%)		3.50	4.21	3.75	3.67	3.80	3.79
Saturation Coefficient (Ratio of 24H to 5H)		0.33	0.45	0.41	0.42	0.43	0.41
<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>	21,736	20,659	18,601	20,720	18,185	19,980
	<i>MPa</i>	149.9	142.4	128.2	142.9	125.4	137.8
<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>	1,340	1,894	1,539	1,358	1,574	1,541
<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	03/25/2013
<b>Abrasion Resistance</b>		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>Average</b>
		0.01	0.01	0.01	0.01	0.01	0.01

The brick represented by the test results shown here comply with the standards listed below:

ASTM C 1272 - 11 Standard Specification for Heavy Vehicular Paving Brick  
Type: F



John Sanders, Ph.D., PE, Director



Gary W. Parker, Laboratory Supervisor