



TEST REPORT

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

Brick and Structural Clay Tile

10/16/2014

Name: Pacific Clay Products Inc 14741 Lake Street Lake Elsinore, CA 92530-1609 Phone: 951-805-4265 Fax: Plant: Pacific Clay Products Report Number: 5900-11144 Received Date: 09/08/2014 Sampled Date: 09/08/2014 Lot: Product Code: *Temperature: 60 - 90F *Humidity: 30% - 70%

Sample Description: Red, Red Flash, Medium

Table with 7 columns: Test Name, 1, 2, 3, 4, 5, Average, Test Date. Rows include Absorption (24 Hour Submersion in Cold Water, 5 Hour Submersion in Boiling Water, Saturation Coefficient) with values ranging from 0.72 to 8.21.

*Measurement Uncertainty ± 0.55 %

*The 1 and 2 hour boiled water absorption tests are not required by the customer

Table with 7 columns: Test Name, 1, 2, 3, 4, 5, Average, Test Date. Rows include Compressive Strength (psi and MPa) with values ranging from 71.0 to 13,927.

*Measurement Uncertainty ± 231 psi

Table with 7 columns: Test Name, 6, 7, 8, 9, 10, Average, Test Date. Row includes Breaking Load (lb/in.) with values ranging from 1,064 to 1,581.

Table with 7 columns: Test Name, 11, 12, 13, 14, 15, Average, Test Date. Row includes Efflorescence with 'Not Effloresced' results.

Table with 7 columns: Test Name, 1, 2, 3, 4, 5, Average, Test Date. Row includes Abrasion Resistance with values ranging from 0.04 to 0.05.

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

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 60 -90F, and 30-70% RH

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