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

**06/14/2013**

**Name:** Pine Hall Brick Company, Inc  
**P. O. Box 836**  
**Madison, NC 27025**  

**Plant:** Madison  
**Report Number:** PHB-0080  
**Sampled Date:** 05/30/2013  

**Phone:** 336-548-6007  
**Fax:** 336-548-1837  

**Lot:**  
**Product Code:**

**Sample Description:** English Edge Red 4" x 8" x 2.25"

| Test Date       | Absorption 24 Hour Submersion in Cold Water (%) | Absorption 5 Hour Submersion in Boiling Water (%) | Absorption Saturation Coefficient (Ratio of 24H to 5H) | Compressive Strength 1 psi | Compressive Strength 2 psi | Compressive Strength 3 psi | Compressive Strength 4 psi | Compressive Strength 5 psi | Compressive Strength Average psi | Efflorescence | Abrasion Resistance 1 | Abrasion Resistance 2 | Abrasion Resistance 3 | Abrasion Resistance 4 | Abrasion Resistance 5 | Abrasion Resistance Average |
|-----------------|-----------------------------------------------|-----------------------------------------------|--------------------------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|----------------------------|--------------------------------|---------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| **Average**     | 4.01                                          | 6.65                                          | 0.60                                             | 15,673                     | 06/03/2013                 | 06/03/2013                 | 06/11/2013                 | 15,673                     | 06/11/2013                 |               | 0.03                 | 0.02                 | 0.02                 | 0.03                 | 0.03                 | 06/11/2013                 |
| **Average**     | 4.01                                          | 6.65                                          | 0.60                                             | 15,673                     | 06/03/2013                 | 06/03/2013                 | 06/11/2013                 | 15,673                     | 06/11/2013                 |               | 0.03                 | 0.02                 | 0.02                 | 0.03                 | 0.03                 | 06/11/2013                 |
| **Average**     | 4.01                                          | 6.65                                          | 0.60                                             | 15,673                     | 06/03/2013                 | 06/03/2013                 | 06/11/2013                 | 15,673                     | 06/11/2013                 |               | 0.03                 | 0.02                 | 0.02                 | 0.03                 | 0.03                 | 06/11/2013                 |
| **Average**     | 4.01                                          | 6.65                                          | 0.60                                             | 15,673                     | 06/03/2013                 | 06/03/2013                 | 06/11/2013                 | 15,673                     | 06/11/2013                 |               | 0.03                 | 0.02                 | 0.02                 | 0.03                 | 0.03                 | 06/11/2013                 |

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

ASTM C 902 - 12 Standard Specification for Pedestrian and Light Traffic Paving Brick  
Class: SX, MX, NX  
Type: I, II, III

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John Sanders, Ph.D., PE, Director  
Gary W. Parker, Laboratory Supervisor

Lab Reference: 5089.8745