

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

Testing Brick and Structural Clay Tile

04/22/2013

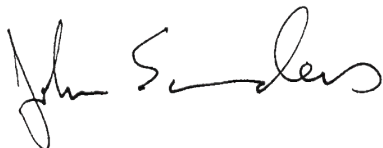
| | | | |
|--------|--|----------------|------------|
| Name: | Glen-Gery Corporation P.O. Box 340 Shoemakersville, PA 19555 | Plant: | Bigler |
| Phone: | 610-562-3076 | Report Number: | GGBI-0847 |
| Fax: | 610-562-2084 | Sampled Date: | 05/03/2012 |
| | | Lot: | |
| | | Product Code: | 71601101 |

Sample Description: **Bigler Clay w/ Additives Extruded Thin Brick**

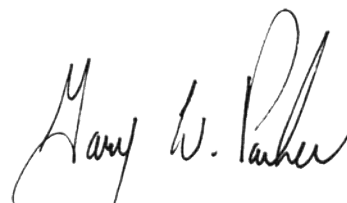
| | | | | | | Average | Test Date |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|---------|------------|
| Absorption | 1 | 2 | 3 | 4 | 5 | | |
| 24 Hour Submersion in Cold Water (%) | 5.44 | 5.36 | 5.42 | 5.30 | 5.34 | 5.37 | 05/09/2012 |
| 5 Hour Submersion in Boiling Water (%) | 6.39 | 6.13 | 6.42 | 6.05 | 6.26 | 6.25 | |
| Saturation Coefficient (Ratio of 24H to 5H) | 0.85 | 0.87 | 0.84 | 0.88 | 0.85 | 0.86 | |
| Efflorescence | 11 | 12 | 13 | 14 | 15 | | |
| | Not Effloresced | Not Effloresced | Not Effloresced | Not Effloresced | Not Effloresced | | 05/17/2012 |

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

ASTM C 1088 - 12 Standard Specification for thin Veneer brick Units Made From Clay or Shale
Grade: Exterior, Interior, with absorption alternate in section 5.1



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