

Results of Tests on brick Conducted in accordance with C67/C67M - 24 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

08/13/2025

| | | | |
|----------------|--------------------------|----------------|------------|
| Name: | The Belden Brick Company | Plant: | Sugarcreek |
| | P. O. Box 430 | Sampled Date: | 7/11/2025 |
| | Sugarcreek, OH 44681 | Received Date: | 7/11/2025 |
| Phone: | 330-456-0031 | Fired Date: | 7/11/2025 |
| Fax: | 330-456-2694 | | |
| Report Number: | 14066-34937 | | |

Description: **PLT 2, Shale/Fireclay w/Additive Reduced Fire (Paver, 2-3/4")**

| Absorption | 1 | 2 | 3 | 4 | 5 | Average | Test Date |
|--------------------------|------|------|------|------|------|---------|-----------|
| 24 Hour Cold Water (%) | 0.6 | 0.5 | 0.5 | 0.5 | 0.7 | 0.6 | 7/17/2025 |
| 5 Hour Boiling Water (%) | 0.7 | 0.7 | 0.7 | 0.7 | 0.8 | 0.7 | |
| Saturation Coefficient | 0.82 | 0.74 | 0.81 | 0.83 | 0.85 | 0.81 | |

| Compressive Strength | 1 | 2 | 3 | 4 | 5 | Average | Test Date |
|----------------------|--------|--------|--------|--------|--------|---------|-----------|
| psi | 22,780 | 22,250 | 22,900 | 21,650 | 20,860 | 22,090 | 7/21/2025 |

| Efflorescence | 11 | 12 | 13 | 14 | 15 | Test Date |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-----------|
| Efflorescence Detection | Not | Not | Not | Not | Not | 7/23/2025 |
| | Effloresced | Effloresced | Effloresced | Effloresced | Effloresced | |

| Breaking Load | 1 | 2 | 3 | 4 | 5 | Average | Test Date |
|---------------|-------|-------|-------|-------|-------|---------|-----------|
| lb/in | 2,545 | 2,173 | 2,164 | 2,413 | 2,580 | 2,375 | 7/17/2025 |

| Abrasion Resistance | 1 | 2 | 3 | 4 | 5 | Average |
|---------------------|------|------|------|------|------|---------|
| | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

| E303 Surface Friction | 1 | 2 | 3 | 4 | Average | Test Date |
|-----------------------|----|----|----|----|---------|-----------|
| BPN | 69 | 70 | 70 | 70 | 70 | 8/8/2025 |

Surface Temperature (F): 72
Test Surface Location: BML
Type of Slider: Rubber

Condition of Slider: Good
Test Surface Texture: Extruded Paver

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

ASTM C902 - 22 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX
Type: I, II, III

ASTM C1272 - 22a Standard Specification for Heavy Vehicular Paving Brick
Type: F, R

Katherine Hill
Katherine Hill, Quality Manager

**The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 -90F, and 30-70% RH. The sampling for these tests was done by the customer. These results are specific to the samples tested. A Simple Acceptance Decision Rule was applied when determining the conformity statement shown on this report. Reporting of test results follows the requirements of the appropriate ASTM Test Method. For information on the decision rules or measurement uncertainty, please contact Kathy Hill, BML Quality Manager. This test report shall not be reproduced except in full, without written approval of the laboratory.*