

Results of Tests on brick Conducted in accordance with C67/C67M - 21 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

08/25/2022

| | | | |
|----------------|----------------------------|----------------|-----------|
| Name: | The Belden Brick Company | Plant: | Canton |
| | 700 West Tuscarawas Street | Sampled Date: | 7/22/2022 |
| | Canton, OH 44702 | Received Date: | 7/22/2022 |
| Phone: | 330-456-0031 | Fired Date: | |
| Fax: | 330-456-2694 | Product Code: | |
| Report Number: | 10960-27412 | Lot Number: | |

Description: **PLT 4 ALL SHALE NO ADDITIVE COARSE GRIND (PAVER 2-1/4)**

| Absorption | 1 | 2 | 3 | 4 | 5 | Average | Test Date |
|-----------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|------------------|
| 24 Hour Cold Water (%) | 1.4 | 4.0 | 2.1 | 1.6 | 2.7 | 2.4 | 8/9/2022 |
| 5 Hour Boiling Water (%) | 4.2 | 6.4 | 4.3 | 4.0 | 4.7 | 4.7 | |
| Saturation Coefficient | 0.34 | 0.63 | 0.48 | 0.41 | 0.58 | 0.49 | |
| Compressive Strength | 1 | 2 | 3 | 4 | 5 | Average | Test Date |
| psi | 26,840 | 21,190 | 27,220 | 24,620 | 27,750 | 25,520 | 7/29/2022 |
| Efflorescence | 11 | 12 | 13 | 14 | 15 | | Test Date |
| Efflorescence Detection | Not Effloresced | Not Effloresced | Not Effloresced | Not Effloresced | Not Effloresced | | 8/19/2022 |
| Breaking Load | 1 | 2 | 3 | 4 | 5 | Average | Test Date |
| lb/in | 1,237 | 1,218 | 961 | 1,011 | 1,136 | 1,113 | 7/29/2022 |
| Abrasion Resistance | 1 | 2 | 3 | 4 | 5 | Average | |
| | 0.01 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 | |

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

C 902 - 20 Standard Specification for Pedestrian and Light Traffic Paving Brick
Class: SX, MX, NX
Type: I, II, III

C 1272 - 22 Standard Specification for Heavy Vehicular Paving Brick
Type: R


Katherine Hill, Quality Manager

**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.
This test report shall not be reproduced except in full, without written approval of the laboratory.*