



3250 Linebaugh Rd.
 Xenia, OH 45385
 Telephone (800) 762-0040
 FAX (937) 879-8425

**CEMENT
MILL
TEST**

Cement Identified as: Mortar Cement, Type N **Date:** 09/02/22
Production Dates: July, 2022

| PHYSICAL REQUIREMENTS | ASTM C 1329 SPECIFICATIONS | | | RESULTS |
|---|----------------------------|-------------|--|---------------|
| | | Type N | | |
| (ASTM C430) 45-um sieve, % retained | Maximum | 24 | | 7 |
| (ASTM C151) Autoclave Expansion, % | Maximum | 1.0 | | 0.07 |
| (ASTM C266) Time of Setting (Gillmore) | | | | |
| Initial Set, minutes | Minimum | 120 | | 195 |
| Final Set, minutes | Maximum | 1000 | | 285 |
| (ASTM C185) Air Content, % | Range | 8-21 | | 14 |
| (ASTM C1506) Water Retention | Minimum | 70 | | 75 |
| (ASTM C1072) Flexural Bond Strength (psi) | Minimum | 70 | | 85 |
| (ASTM C109) Compressive Strength, psi (Mpa) | | | | |
| 7 Day | Minimum | 500 (3.5) | | 2580 (17.8) |
| 28 Day | Minimum | 900 (6.2) | | 2930 (20.2) |

We hereby certify that this cement conforms to all of the standard requirements for mortar cement in the above specification for the type specified. ASTM C1072 testing is performed by an independent testing firm and results are available upon request.

By: *Rusty Strader*

Physical Testing completed by: TL, JT
 Chemical Testing completed by: CA, NC, KL, NM

Rusty Strader
 Quality Control Manager
 Fairborn Cement Company