FAIRBORN CEMENT COMPANY

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Xenia, OH 45385
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CEMENT MILL TEST

Cement Identified as: **Masonry Cement, Type N** **Date: 05/02/22**

Production Dates: **March, 2022**

PHYSICAL REQUIREMENTS	SPECIFICATIONS	ASTM C 91 Type N		RESULTS
(ASTM C430) 45-um sieve, % retained	Maximum	24		**5**
(ASTM C151) Autoclave Expansion, %	Maximum	1.0		**0.08**
(ASTM C 266) Time of Setting (Gillmore)				
Initial Set, minutes	Minimum	120		**223**
Final Set, minutes	Maximum	1000		**327**
(ASTM C185) Air Content, %	Range	8-21		**18**
(ASTM C1506) Water Retention	Minimum	70		**83**
(ASTM C 109) Compressive Strength, psi (Mpa)				
7 Day	Minimum	500 (3.4)		**2047 (14.1)**
28 Day	Minimum	900 (6.2)		**2280 (15.7)**

'We hereby certify that this cement conforms to all of the standard requirements for masonry cement in the above specification for the type specified.

By: Rusty Strader

Physical Testing completed by: DG, JT
Chemical Testing completed by: TA, NC, KL, NM

Rusty Strader
Quality Control Manager
Fairborn Cement Company