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**CEMENT  
MILL  
TEST**

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

PHYSICAL REQUIREMENTS	SPECIFICATIONS	ASTM C 91 Type N	RESULTS
(ASTM C430) 45-um sieve, % retained	Maximum	24	9
(ASTM C151) Autoclave Expansion, %	Maximum	1.0	0.06
(ASTM C 266) Time of Setting (Gillmore)			
Initial Set, minutes	Minimum	120	215
Final Set, minutes	Maximum	1000	307
(ASTM C185) Air Content, %	Range	8-21	19
(ASTM C1506) Water Retention	Minimum	70	84
(ASTM C 109) Compressive Strength, psi (Mpa)			
7 Day	Minimum	500 ( 3.4 )	1853 ( 12.8 )
28 Day	Minimum	900 ( 6.2 )	2203 ( 15.2 )

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

Rusty Strader  
 Quality Control Manager  
 Fairborn Cement Company