

**B20250922**

CERTIFICATE NUMBER

September 22, 2025

DATE

Laboratory Test Certificate

UTRAMORTAR-MASONRY CEMENT/PLASTIC CEMENT/MORTAR CEMENT

	Value	Type S Limit	Type M Limit
Compressive Strength			
7 Days	5570 psi (38.4 MPa)	1300 psi (9.0 MPa)	1800 psi (12.4 MPa)
28 Days	6780 psi (46.7 MPa)	2100 psi (14.5 MPa)	2900 psi (20.0 MPa)
Fineness - Retained on No. 325, %	3.8 %	24% Max	24% Max
Air Content of mortar, %	8.7 %	8.0 Min	8.0 Min
Masonry, C91		19.0 Max	19.0 Max
Plastic, C1328		20.0 Max	20.0 Max
Mortar, C1329		19.0 Max	19.0 Max
Water Retentivity Test %	70	70.0 Min.	70.0 Min.
Flexural Bond Strength Test 28d (PSI)	226	100.0 Min.	110.0 min.
Time of Set, Gilmore Method			
Initial Set, minutes	150 min.	90 Min	90 Min
Final Set, minutes	240 min.	1000 Max	1000 Max
Autoclave Expansion, %	-0.02 %	1.0 Max	1.0 Max

We certify that the above described cement, at the time of shipment, meets the requirements of ASTM C91-18 Type "M" Masonry Cement, C1328M-23 Type "M" Plastic Cement and C1329M-25 Type "S" Mortar Cement.

Cement Division

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