



**B20240301**

CERTIFICATE NUMBER

**March 1, 2024**

DATE

# Laboratory Test Certificate

MASONRY CEMENT/PLASTIC CEMENT/MORTAR CEMENT  
(ULTRAMORTAR)

	Value	Type S Limit	Type M Limit
<b>Compressive Strength</b>			
7 Days	3840 psi (26.4 MPa)	1300 psi (9.0 MPa)	1800 psi (12.4 MPa)
28 Days	3/22/24	2100 psi (14.5 MPa)	2900 psi (20.0 MPa)
<b>Fineness - Retained on No. 325, %</b>	6.4 %	24% Max	24% Max
<b>Air Content of mortar, %</b>	13.1 %	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
<b>Time of Set, Gilmore Method</b>			
Initial Set, minutes	215 min.	90 Min	90 Min
Final Set, minutes	310 min.	1000 Max	1000 Max
<b>Autoclave Expansion, %</b>	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, C1328-19 Type "M" Plastic Cement and C1329-16a Type "S" Mortar Cement.

## Cement Division

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