



B20250422

CERTIFICATE NUMBER

April 22, 2025

DATE

# Laboratory Test Certificate

UTRAMORTAR-MASONRY CEMENT/PLASTIC CEMENT/MORTAR CEMENT

	Value	Type S Limit	Type M Limit
<b>Compressive Strength</b>			
7 Days	5040 psi (34.47 MPa)	1300 psi (9.0 MPa)	1800 psi (12.4 MPa)
28 Days	6130 psi (42.2 MPa)	2100 psi (14.5 MPa)	2900 psi (20.0 MPa)
<b>Fineness - Retained on No. 325, %</b>	1.2 %	24% Max	24% Max
<b>Air Content of mortar, %</b>	9.9 %	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>Water Retentivity Test %</b>	70	70.0 Min.	70.0 Min.
<b>Flexural Bond Strength Test 28d (PSI)</b>	226	100.0 Min.	110.0 min.
<b>Time of Set, Gilmore Method</b>			
Initial Set, minutes	195 min.	90 Min	90 Min
Final Set, minutes	305 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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