



Capitol Cement
11551 Nacogdoches Rd.
San Antonio, TX 78217

Type I Cement - C 150/C 150M

Date: August 10, 2025

Production Period:

Beginning July 1, 2025

Ending July 31, 2025

CHEMICAL			PHYSICAL		
Item	Spec. Limit	Test Result	Item	Spec. Limit	Test Result
SiO ₂ (%)	A	<u>20.5</u>	Air Content of Mortar (volume %)	<i>12 maximum</i>	<u>6.5</u>
Al ₂ O ₃ (%)	A	<u>5.7</u>	Blaine Fineness (m ² /kg)	<i>260 minimum</i>	<u>412</u>
Fe ₂ O ₃ (%)	A	<u>2.0</u>	ASTM C1038		<u>0.012</u>
CaO (%)	A	<u>65</u>			
MgO (%)	<i>6.0 maximum</i>	<u>1.1</u>			
SO ₃ (%)	<i>3.5 D</i>	<u>4.1</u>			
Na ₂ O (%)	A	<u>0.14</u>	Time of Setting (minutes)		
K ₂ O (%)	A	<u>0.51</u>	Vicat, Initial	<i>45</i>	<u>100</u>
Equivalent alkalis (%)		<u>0.48</u>	Vicat, Final	<i>375</i>	<u>211</u>
	<i>minimum</i>	<u>0.44</u>			
	<i>maximum</i>	<u>0.52</u>			
Ignition Loss (%)	<i>3.5 maximum</i>	<u>2.5</u>	Compressive Strength		
Insoluble Residue (%)	<i>1.5 maximum</i>	<u>0.91</u>	1 Day (psi)	A	<u>2,250</u>
			3 Day (psi)	<i>minimum (1740)</i>	<u>3,800</u>
Limestone (%)	<i>5.0 maximum</i>		7 Day (psi)	<i>minimum (2760)</i>	<u>4,790</u>
CO ₂ (%)	A		28 Day (psi) (Jun)	A	<u>6,150</u>
CaCO ₃ in Limestone (%)					
C ₃ A (%)	A	<u>12</u>			
C ₃ S (%)	A	<u>58</u>			
C ₂ S (%)	A	<u>15</u>			
C ₄ AF (%)	A	<u>6</u>			

A Not Applicable

D Note D additional information upon request.

We certify that the above cement, at the time of shipment meets the chemical and physical requirements of the current ASTM C 150 and AASHTO M 85 specifications. The above data represents the averages of representative samples from production. This product is made in the U.S.A.


Mike Watson, Quality Manager