



Capitol Cement
11551 Nacogdoches Rd.
San Antonio, TX 78217

ECO-MENT SPEC® Type I L (10)

Date: November 7, 2025

Production Period:

Beginning October 1, 2025

Ending October 31, 2025

CHEMICAL			PHYSICAL		
Item	Spec. Limit	Test Result	Item	Spec. Limit	Test Result
SiO ₂ (%)		<u>19.0</u>	Air Content of Mortar (volume %)	<i>12 max</i>	<u>5.9</u>
Al ₂ O ₃ (%)		<u>5.1</u>			
Fe ₂ O ₃ (%)		<u>2.6</u>	Blaine Fineness (m ² /kg)	<i>A</i>	<u>426</u>
CaO (%)		<u>67</u>			
MgO (%)		<u>1.0</u>	ASTM C1038	<i>0.020%</i>	<u>0.013</u>
SO ₃ (%)	<i>3.0% max (b)</i>	<u>4.0</u>	Density		<u>3.03</u>
Na ₂ O (%)	<i>A</i>	<u>0.11</u>			
K ₂ O (%)	<i>A</i>	<u>0.53</u>	Time of Setting (minutes)		
Equivalent alkalis (%)	<i>C</i>	<u>0.46</u>	Vicat, Initial	<i>Not less than 45</i>	<u>106</u>
	<i>minimum</i>	<u>0.42</u>	Vicat, Final	<i>Not more than 420</i>	<u>269</u>
	<i>maximum</i>	<u>0.50</u>			
Ignition Loss (%)	<i>10% max</i>	<u>5.9</u>	Compressive Strength		
Class F Fly Ash (%)		<u></u>	1 Day (psi)	<i>A</i>	<u>2,200</u>
CaO % in Ash	<i>A</i>	<u></u>	3 Day (psi)	<i>minimum (1890)</i>	<u>4,190</u>
Pumicite (%)		<u></u>	7 Day (psi)	<i>minimum (2900)</i>	<u>5,090</u>
Limestone (%)	<i>10% +/- 2.5%</i>	<u>9.90</u>	28 Day (psi) (Sep)	<i>minimum (3620)</i>	<u>6,320</u>
CO ₂ (%)		<u>4.18</u>			
CaCO ₃ in Limestone (%)		<u></u>			

(A) Not Applicable; (b) It is permissible to exceed the limit for SO₃, provided it has been demonstrated by Test Method C-1038 that the cement will not develop expansion exceeding 0.020% at 14 days. (C) Reported equivalent alkalis are of the finished cement.

We certify that the above cement, at the time of shipment meets the chemical and physical requirements of the current ASTM C 595, C 1012, C 227 specifications. The above data represents the averages of representative samples from production.



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A handwritten signature in black ink, appearing to read 'Douglas Conroy', is written over a horizontal line.

Douglas Conroy, Director Technical Services