



Capitol Cement  
 11551 Nacogdoches Rd.  
 San Antonio, TX 78217

ECO-MENT ENDURE® - Type IP (25) (HS) Cement

Date: February 11, 2026

Production Period:

Beginning January 1, 2026

Ending January 31, 2026

CHEMICAL			PHYSICAL		
Item	Spec. Limit	Test Result	Item	Spec. Limit	Test Result
SiO <sub>2</sub> (%)	A	<u>29.5</u>	Air Content of Mortar (volume %)	12 max	<u>1.7</u>
Al <sub>2</sub> O <sub>3</sub> (%)	A	<u>9.3</u>	Blaine Fineness (m <sup>2</sup> /kg)	A	<u>410</u>
Fe <sub>2</sub> O <sub>3</sub> (%)	A	<u>3.5</u>	ASTM C1038		
CaO (%)	A	<u>51</u>	Density		<u>2.84</u>
MgO (%)	6.0% max	<u>1.3</u>	Time of Setting (minutes)		
SO <sub>3</sub> (%)	4.0% max	<u>3.5</u>	Vicat, Initial	Not less than 45	<u>123</u>
Na <sub>2</sub> O (%)	A	<u>0.17</u>	Vicat, Final	Not more than 420	<u>310</u>
K <sub>2</sub> O (%)	A	<u>0.67</u>	Compressive Strength		
Equivalent alkalis (%)	A	<u>0.62</u>	1 Day (psi)	A	<u>2,110</u>
	minimum	<u>0.58</u>	3 Day (psi)	minimum (1890)	<u>3,500</u>
	maximum	<u>0.65</u>	7 Day (psi)	minimum (2900)	<u>4,280</u>
Ignition Loss (%)	5.0%	<u>1.9</u>	28 Day (psi)	minimum (3620)	<u>6,140</u>
Class F Fly Ash (%)		<u>21.27</u>			
CaO % in Ash		<u>1.86</u>			
Pumicite (%)					
Limestone (%)					
CO <sub>2</sub> (%)					
CaCO <sub>3</sub> in Limestone (%)					

(A) Not Applicable

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, specifications. The above data represents the averages of representative samples from production.

**Douglas Conroy, Director Technical Services**