



Capitol Cement
11551 Nacogdoches Rd.
San Antonio, TX 78217

ECO-MENT DuroPozz Type® IT(P15)(P15) HS

Date: April 8, 2025

Production Period:

Beginning March 1, 2025

Ending March 31, 2025

CHEMICAL			PHYSICAL		
Item	Spec. Limit	Test Result	Item	Spec. Limit	Test Result
SiO ₂ (%)	A	<u>35.0</u>	Air Content of Mortar (volume %)	<u>12% Max</u>	<u>1.5</u>
Al ₂ O ₃ (%)	A	<u>8.9</u>	Blaine Fineness (m ² /kg)		<u>567</u>
Fe ₂ O ₃ (%)	A	<u>2.2</u>	ASTM C1038	<u>0.020% max</u>	
CaO (%)	A	<u>48</u>	Density	A	<u>2.85</u>
MgO (%)	<u>6.0 max</u>	<u>1.0</u>	Time of Setting (minutes)		
SO ₃ (%)	<u>4.0</u>	<u>3.0</u>	Vicat, Initial	<u>Not Less than 45</u>	<u>113</u>
Na ₂ O (%)	A	<u>0.43</u>	Vicat, Final	<u>not more than 420</u>	<u>195</u>
K ₂ O (%)	A	<u>1.23</u>	Compressive Strength		
Equivalent alkalis (%)	A	<u>1.24</u>	1 Day (psi)	(A)	<u>1,750</u>
	<u>minimum</u>	<u>1.19</u>	3 Day (psi)	<u>1890 min</u>	<u>2,830</u>
	<u>maximum</u>	<u>1.31</u>	7 Day (psi)	<u>2900 min</u>	<u>3,570</u>
Ignition Loss (%)	<u>5.0% Max</u>	<u>3.0</u>	28 Day (psi) (Feb)	<u>3620 min</u>	<u>5,150</u>
Class F Fly Ash (%)	<u>15%</u>	<u>14.90</u>			
CaO % in Ash	A				
Pumicite (%)	<u>15%</u>	<u>15.0</u>			
Limestone (%)					
CO ₂ (%)					
CaCO ₃ 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.


Mike Watson, Quality Manager