



Capitol Cement  
 11551 Nacogdoches Rd.  
 San Antonio, Texas

Eco-Ment DuroPozz  
 Type IT (P15)(P15) (HS) Cement

Date : April 10, 2024


Production Period:  
 Beginning 2/29/2024  
 Ending 3/3/2024

CHEMICAL			PHYSICAL		
Item	Spec. Limit	Test Result	Item	Spec. Limit	Test Result
MgO (%)	6.0% max	1.0	Air Content of Mortar (volume%)	12 max	4.0
SO <sub>3</sub> (%)	4.0% max <sup>B</sup>	2.2	Blaine Fineness (m <sup>2</sup> /kg)	A	388
Class F fly ash (%)		12.6	Mortar bar Expansion ( C1038)	0.020% Max	na
CaO % in ash		4.51	Time of Setting (minutes)		
Ignition Loss (%)	5.0%	2.6	Vicat		
Pumicite (%)		15.0	Initial	Not less than 45	95
325 (%) Retained	A	1.40	Final	Not more than 420	210
Density		2.80	Compressive Strength		
Na <sub>2</sub> O%	A	0.3	1 Day	(psi) A	2020
K <sub>2</sub> O%	A	1.00	3 Day	(psi) <i>minimum</i> (1890)	3860
Total Equ alkali	A	0.96	7 Day	(psi) <i>minimum</i> (2900)	4670
			28 Day	(psi) <i>minimum</i> (3620)	6185

(A) Not Applicable

(B) it is permissible to exceed the maximum SO3 content , if ASTM C1038 limit is met.

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 cement used meets the current ASTM C 150 specifications. The above data represents the averages of representative samples from production.

Signature   
 Douglas Conroy

Title Chief Chemist