



Capitol Cement
 11551 Nacogdoches Rd.
 San Antonio, TX 78217

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

Date: November 11, 2024

Production Period:

Beginning October 1, 2024

Ending October 31, 2024

| CHEMICAL | | | PHYSICAL | | |
|------------------------|-------------|--------------|----------------------------------|-------------------|--------------|
| Item | Spec. Limit | Test Result | Item | Spec. Limit | Test Result |
| SiO2 (%) | A | <u>35.6</u> | Air Content of Mortar (volume %) | 12% Max | <u>3.1</u> |
| Al2O3 (%) | A | <u>9.0</u> | Blaine Fineness (m2/kg) | | <u>565</u> |
| Fe2O3 (%) | A | <u>2.0</u> | ASTM C1038 | 0.020% max | <u>na</u> |
| CaO (%) | A | <u>48</u> | Density | A | <u></u> |
| MgO (%) | 6.0 max | <u>1.0</u> | Time of Setting (minutes) | | |
| SO3 (%) | 4.0 | <u>2.5</u> | Vicat, Initial | Not Less than 45 | <u>74</u> |
| Na2O (%) | A | <u>0.57</u> | Vicat, Final | not more than 420 | <u>240</u> |
| K2O (%) | A | <u>1.30</u> | Compressive Strength | | |
| Equivalent alkalis (%) | A | <u>1.42</u> | 1 Day (psi) | (A) | <u>1,650</u> |
| | minimum | <u>1.24</u> | 3 Day (psi) | 1890 min | <u>3,230</u> |
| | maximum | <u>1.61</u> | 7 Day (psi) | 2900 min | <u>3,830</u> |
| Ignition Loss (%) | 5.0% Max | <u>3.1</u> | 28 Day (psi) (Sep) | 3620 min | <u>5,220</u> |
| Class F Fly Ash (%) | 15% | <u>14.57</u> | | | |
| CaO % in Ash | A | <u></u> | | | |
| Pumicite (%) | 15% | <u>15.0</u> | | | |
| Limestone (%) | A | <u></u> | | | |
| CO2 (%) | A | <u></u> | | | |
| CaCO3 in Limestone (%) | A | <u></u> | | | |

(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