



Capitol Cement  
11551 Nacogdoches Rd.  
San Antonio, TX 78217

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

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 <sub>2</sub> (%)               | A               | <u>34.1</u>  | Air Content of Mortar (volume %)     | <i>12% Max</i>           | <u>2.7</u>   |
| Al <sub>2</sub> O <sub>3</sub> (%) | A               | <u>9.1</u>   | Blaine Fineness (m <sup>2</sup> /kg) |                          | <u>560</u>   |
| Fe <sub>2</sub> O <sub>3</sub> (%) | A               | <u>2.7</u>   | ASTM C1038                           | <i>0.020% max</i>        | <u></u>      |
| CaO (%)                            | A               | <u>48</u>    | Density                              | A                        | <u>2.80</u>  |
| MgO (%)                            | <i>6.0 max</i>  | <u>1.1</u>   | Time of Setting (minutes)            |                          |              |
| SO <sub>3</sub> (%)                | <i>4.0</i>      | <u>3.5</u>   | Vicat, Initial                       | <i>Not Less than 45</i>  | <u>125</u>   |
| Na <sub>2</sub> O (%)              | A               | <u>0.61</u>  | Vicat, Final                         | <i>not more than 420</i> | <u>308</u>   |
| K <sub>2</sub> O (%)               | A               | <u>1.13</u>  | Compressive Strength                 |                          |              |
| Equivalent alkalis (%)             | A               | <u>1.36</u>  | 1 Day (psi)                          | (A)                      | <u>2,140</u> |
|                                    | <i>minimum</i>  | <u>1.34</u>  | 3 Day (psi)                          | <i>1890 min</i>          | <u>3,200</u> |
|                                    | <i>maximum</i>  | <u>1.37</u>  | 7 Day (psi)                          | <i>2900 min</i>          | <u>3,860</u> |
| Ignition Loss (%)                  | <i>5.0% Max</i> | <u>2.9</u>   | 28 Day (psi) (Sep)                   | <i>3620 min</i>          | <u>5,570</u> |
| Class F Fly Ash (%)                | <i>15%</i>      | <u>13.60</u> |                                      |                          |              |
| CaO % in Ash                       | A               | <u></u>      |                                      |                          |              |
| Pumicite (%)                       | <i>15%</i>      | <u>14.1</u>  |                                      |                          |              |
| Limestone (%)                      |                 | <u></u>      |                                      |                          |              |
| CO <sub>2</sub> (%)                |                 | <u></u>      |                                      |                          |              |
| CaCO <sub>3</sub> in Limestone (%) |                 | <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.

**Douglas Conroy, Director Technical Services**