



# BURGESS OPTIPOZZ

## CALCINED ALUMINUM SILICATE

BURGESS OPTIPOZZ® is a high reactivity metakaolin produced by a patented process. Burgess OPTIPOZZ increases chemical resistance and durability, and reduces shrinkage. An OPTIPOZZ mix design will yield higher initial and long term strength. Additionally, the use of OPTIPOZZ will result in reduced efflorescence. Our strict process control allows for better whiteness and a clean color with outstanding batch to batch consistency. The use of OPTIPOZZ will eliminate the undertone associated with other pozzolans.

BURGESS OPTIPOZZ® is classified as a CLASS N POZZOLAN under ASTM C-618.

### Typical Physical Properties

Visual Color Cream White

Particle Structure Amorphous

325 Mesh Residue % 0.09

Average Particle Size Sedigraph 1.4  $\mu$

Free Moisture % Max 0.5

Specific Gravity 2.2

pH (20% Solids) 4.0

### Typical Chemical Properties

Silica (SiO<sub>2</sub>) % 51.0 – 52.4

Alumina (Al<sub>2</sub>O<sub>3</sub>) % 42.1 – 44.3

Iron Oxide (Fe<sub>2</sub>O<sub>3</sub>) % 0.30 – 0.50

Titanium Dioxide (TiO<sub>2</sub>) % 1.56 – 2.50

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