



## AIA Materials Specifications for Concrete Applications Using Pozzotive® Ground Glass Pozzolan

### APPLICATIONS AND DEFINITIONS:

**033000 Specification for Cast-in-Place Concrete:** General building and structural applications; concrete mixtures, finishing, and curing.

**033300 Specification for Architectural Concrete:** Specialty formed, placed and finished architectural concrete.

**034100 Specification for Precast Structural Concrete:** Conventional structural precast units.

**034500 Specification for Precast Architectural Concrete:** Precast concrete cladding, insulated units, and masonry-laced units

**042000 Specification for Unit Masonry:** CMU brick, structural-clay facing tile, and stone trim units.

**042200 Specification for Concrete Unit Masonry:** Single-wythe CMU including decorative units.

### FOR ALL APPLICATIONS ABOVE, USE THE FOLLOWING MATERIALS SPECIFICATIONS:

A. Post-Consumer Recycled Supplementary Cementitious Materials.

1. Recycled ground glass pozzolan shall be the approved or equal of Pozzotive® as manufactured by Urban Mining CT.
2. Conforms to ASTM C 1866.

B. Specific Requirements

Cementitious material shall contain up to 50% post-consumer supplementary cementitious material with a minimum of 15%. **NOTE: The actual cement replacement rate will depend on the requirements of the hardened concrete or the cured concrete masonry units as well as the Global Warming Potential reduction target.**

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