

MICRO-COTTA

www.micro-cotta.com



Window Surrounds — Lower Manhattan



Great Lakes Naval Air Station



Egyptian Theater

DESCRIPTION

Micro-Cotta is a polymer-based composite resin material which was originally developed and patented in 1978. Micro-Cotta is similar to other polymer-resin composites, in that its basic components include a polymer resin formulation and inert, inorganic aggregates to form a material ideally suited for economical precast replications of fire-resistant architectural ornamentation. These applications include precise and decorative Terracotta, stone and cast iron ornamentation.

APPLICATION

Micro-cotta will provide a non-structural decorative replacement for terracotta, stone or cast iron which has a short fabrication and production time combined with ease of placement. If additional pieces are required during the project lead time will be kept to an absolute minimum.

CHARACTERISTICS

- Rapid turnaround for reproduction – single mold can be “turned” several times a day
- Lightweight – 70#/cf
- E-84 Surface Burning Characteristics Test produces – “0” Flame spread and “0” smoke development
- Gloss glaze or dull stone finishes easily obtainable
- Locally produced with extremely experienced mold making staff
- Obtained NYC BSA number many years ago and has additional city approvals in Los Angeles and San Francisco
- Recommended and used by major governmental agencies including GSA and National Park Service as well as the Navy
- Can replicate terracotta, stone, cast iron and other ornamental façade components with greater detail and color range

ADVANTAGES

- 1st delivery within one - two weeks of color and shop drawing approval
- While more expensive than cast stone, anchoring, support and installation make it more economical in place which reduces the project’s “bottom line”
- Easily color and texture matched, similar to terracotta with color stability on 20 year+ projects (See 20+ year attached photo)
- Excellent color retention
- Long service life
- Existing single units can be combined many times using false joints to produce larger “multiple piece” units in a single cast piece.

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