

**04000: MASONRY**

**GENERAL**

Reinforcing steel shall be inspected to verify proper placement, tying and clearances prior to grouting.

If not painted, exposed exterior face of concrete masonry units (CMU) shall be treated with a fluid-applied penetrating water repellent. See 07100 in Division 7.

**PRODUCTS**

Hollow and solid CMU shall conform to ASTM C90, "Specification for Loadbearing Concrete Masonry Units," Grade N.

Solid clay brick shall conform to ASTM C216, "Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)," Grade MW.

Hollow facing and building clay brick shall conform to ASTM C652, "Specification for Hollow Brick (Hollow Masonry Units Made From Clay or Shale)," Grade MW.

An integral water-repellent admixture shall be used in the manufacturer of block and in mortar mix at jobsite for concrete masonry construction at exterior walls not to be covered by other exterior finish materials.

**EXECUTION**

Material and workmanship for installation of CMU shall conform to requirements of the National Concrete Masonry Association (NCMA) and the Concrete Masonry Association of California and Nevada (CMACN).

Cold and hot-weather construction procedures evidencing compliance with requirements included in ACI 530.1, "Specification for Masonry Structures."

Control joints shall be calked on both interior and exterior faces before interior wall finish materials are applied.

Mortar profile at exposed exterior horizontal joints shall be selected to discourage collection of water in joint.

END OF 04000