

3. Soundness (freeze and thaw test) loss of the stone after 20 cycles shall not exceed 15 percent when tested in accordance with the Corps of Engineers test method CRD-C 144.
- (b) **Filter Fabric.** The filter fabric shall conform to the requirements of Subsection 712.02.
- (c) **Filter Sand.** Filter sand shall meet the requirements of Subsection 703.04.

SECTION 714

MASONRY BRICK

Description. This Specification pertains to masonry brick for various types of construction. The particular type required will be specified on the Plans or in the Proposal. Masonry brick may be made from clay, shale, or a satisfactory mixture of aggregates and cement.

714.01. MASONRY BRICK MADE FROM CLAY OR SHALE.

Brick of this type shall comply with the requirements of the “Standard Specification for Building Brick (Solid Masonry Units Made from Clay or Shale)”, AASHTO Designation M-114—except that the requirements for “Maximum Water Absorption by Five-hour Boiling” and “Maximum Saturation Coefficient” shall not apply.

Masonry Brick shall be Grade MW unless shown otherwise on the plans.

Brick for Sanitary Sewer Manholes shall be select, hard-burned, sewer brick which will not deteriorate under conditions encountered in sewer manholes. They shall comply with the requirements of AASHTO M-91, “Sewer and Manhole Brick (Made from Clay or Shale),” for either Grade MM or MS bricks.

714.02. CONCRETE BUILDING BRICK.

Brick of this type shall comply with the requirements of the “Standard Specifications for Concrete Building Brick,” ASTM Designation C55— except that the requirements for “Water Absorption”, “Moisture Content,” and “Linear Shrinkage” shall not apply. Concrete building brick shall be Type II, Grade N-II, unless shown otherwise on the Plans.

714.03. METHODS OF TEST.

These materials will be tested in accordance with the applicable AASHTO or ASTM methods as indicated in the Specifications for these items.

714.04. BASIS OF ACCEPTANCE.

Acceptance of masonry brick will be based on satisfactory results of tests conducted on samples submitted to the Materials Division.