



February 28, 2024

Bilco Brick
Lancaster, Texas

RE: ASTM Standard Specifications for Facing Brick

To whom it may concern:

Master Builders Solutions Technical Services Laboratory conducts testing of concrete facing brick in accordance with ASTM C140, *Standard Test Methods for Sampling and Testing Concrete Masonry Units and Related Units* to determine conformance with ASTM C1634, *Standard Specification for Concrete Facing Brick*.

Some project specifications for facing brick may require conformance to ASTM C216, *Standard Specification for Facing Brick (Solid Masonry Units Made from Clay or Shale)*. When concrete brick is being proposed for use in these projects, it should be noted that the compressive strength requirements for concrete brick as specified in Table 1 of ASTM C1634 exceeds the requirements of clay or shale bricks as specified in Table 1 of ASTM C216. In addition, the saturation coefficient requirement stated in Table 1 of ASTM C216 does not apply if the 24-h cold water absorption of each unit of a representative sample of five bricks does not exceed 8.0%. For reference, the absorption test method is included in ASTM C140 and is typically conducted at the MBS Technical Services Lab.

Allowances for dimensional tolerance, finish and appearance specified in ASTM C1634 are comparable to those specified in ASTM C216.

Regards,

A handwritten signature in black ink, appearing to read "Mark E. Piechuta".

Mark E. Piechuta
Sr. Technical Specialist
Master Builders Solutions Admixtures US, LLC