
GENERAL SHORT FORM SPECIFICATION: STRUCTURAL GLAZED TILE

Structural Glazed Tile (SGT) shall be quality Ceramic Glazed Fire Clay Units as manufactured by the Elgin Butler Company or approved equal and conforming to ASTM C-126, Grade S (Select), sized for 3/8" mortar joints (except for 6T Series, which is sized for 5/16" mortar joints).

Size shall be _____ (6T Series 5-1/3" x 12" face [nominal] dimensioned to course out to 16" vertically, with 2", 4", 6" or 8" bed depths; or 6P Series 4" x 12" face [nominal], with 2", 4", 6" or 8" bed depths; or 4W Series 8" x 8" face [nominal], with 2", 4", 6" or 8" bed depths; or 8W Series 8" x 16" face [nominal], with 2", 4" or 6" bed depths). All fittings shall be as shown on the plans from current offered production unless otherwise arranged with the manufacturer. All external, jambs, and sills shall be bullnose (or square). Lintels shall be square, unless otherwise noted. The base course shall be straight or coved (recessed or non-recessed) as indicated on the plans with fittings of same.

Color shall be as selected by the Architect from the manufacturer's current standard offering. All finishes, regardless of color, shall be fused to the body at temperatures in excess of 2000°F.

Body and finish must withstand temperatures greater than 2000°F without distortion or melting and shall be noncombustible and measure 0 Flame Spread, 0 Fuel Contribution, and 0 Smoke Density when tested in accordance with ASTM E-84 and release NO noxious fumes.

Glazed tile setting drawings shall be furnished by the manufacturer and approved by the Architect prior to placement of the material.

Units shall be packaged and shipped in protective trays with separators on wooden pallets and stored at the jobsite protected from weather and/or other adverse conditions.

Structural Glazed Tile shall be laid plumb and level in a workmanlike manner by skilled mechanics. Coursing shall be Running (or Stack) Bond, as specified. Mortar shall conform to ASTM C-270. Strike the joint concave using a 1-1/4" non-metallic tool (or rake to a 1/4" depth to allow for grout pointing for sanitary joints).

Units shall be thoroughly cleaned with a masonry detergent or as recommended by the manufacturer.

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