

STRUCTURAL GLAZED TILE FOR PRISON APPLICATIONS



The Elgin Butler Company has been in operation since 1873. For much of that time, we have been in the business of manufacturing and selling Structural Clay Products, with many installations in the prison industry. With today's high performance standards, as well as environmental concerns, Structural Glazed Tile (SGT) still remains a standard in this industry. Areas using large amount of water and chemicals, such as, laundry rooms, toilet & shower areas, and kitchen/dishwashing areas need impervious and chemical resistant walls that Elgin Butler Company's ceramic finish will provide. Other areas like the inmate gym and cafeteria rooms, cells and corridors, plus visiting rooms can also benefit. The smooth, easy to clean, impact resistant finish is durable and gives you permanent wall systems for the life of your building. Install your structural load bearing (thin wall design) or non-load bearing wall and finish in one unit and installed by one trade! **"SGT" meet the performance requirements you need and are also designed to meet today's economic concerns.**

The following ASTM Standards apply:

ASTM C-126

- Ceramic Glaze
- Chemical Resistant
- Fade Resistant
- Impervious Finish that is fired into the body of the fireclay unit at over 2000°F.
- Chip Resistant
- Never peels or needs refinishing
- Fire Resistant
 - Zero Smoke Density
 - Zero Flame Spread
 - Zero Toxic Fumes
- Impact Resistant

ASTM C-126 and/or ASTM C-652

- Physical Properties
- Load Bearing and Non-Load Bearing applications

General sizes available:

- 4W Series, 7 5/8" x 7 5/8" face size in 2", 4", 6" and 8" bed depths. Can be vertically reinforced
- 6T Series, 5" x 11-11/16" face size in 2", 4", 6" and 8" bed depths. Vertical cell units available
- 8W Series, 7 5/8" x 15-5/8" face size in 2", 4", 6" bed depths. Vertical cell units available

Sized for a 3/8" mortar joint except for 6T series which is 5/16". Grade 'SS' for tighter tolerances is available.

Standard Type N or S mortars can be used. Raking back the joint and pointing with an appropriate joint filler is recommended (an information sheet on epoxy mortar application is available on request.)

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