

**ELGIN BUTLER COMPANY PERFORMANCE BENEFITS OF STRUCTURAL GLAZED TILE**

<b><u>REQUIREMENTS</u></b>	<b><u>GLAZED TILE</u></b>	<b><u>BENEFIT TO CUSTOMER</u></b>
Glaze Type	Ceramic	Finish is scratch resistant; Wall & finish in one; Finish will last life of building
Finish	Fired on, inseparable finish	Cleanable with soap and water; Impervious, chemical / acid resistant; Graffiti Resistant; Reduces maintenance costs Lower life cycle wall cost; Sanitary walls, for FDA & USDA work
Color Durability	Color fired on at 2000 <sup>0</sup> F	Acid Rain Resistant; Will <i>never</i> fade, peel off, or flake; Can match / harmonize colors later; No down time for maintenance
Colors	Wide Choice of matte, glossy or satin finishes	Custom Colors are a specialty; Over 2,000 colors developed to date
Textures	Yes	Design Flexibility
Body Type	Fireclay	Recyclable, natural Earth clay; 12.8% pre-consumer waste recycled
Durability	Meets the requirements of ASTM C1405 for Exterior Durability	High Quality Design / Engineering
Burning Properties	Will <i>Never</i> Burn	Use to achieve High Fire; Resistance Ratings in Stairwells; Hallways, Emergency Exits
Health (Environmentally Sensitive Issues)	Finish does not absorb Odors, Pollens, Animal Dander, No off-gassing, does not support mold,	For use in Health Centers, Vet Clinics, Classrooms, Food Preparation Areas, Clean Rooms, Restrooms, Water Trmt Plants, Non absorptive and Resistant To Sterilizing Chemicals
Toxic Fumes	None to 2000F	Life Safety
Scratch Resistance	Rated Above 5 on Mohs Hardness Scale	Protects walls from power buffers, carts, knives, screwdrivers, keys
Compressive Strength	Exceeds all requirements of ASTM C-1405, ASTM C-126	Load Bearing, can be reinforced; High – net area compressive strengths High – f'm factors (4000psi+)
Sizes	2x8, 4x8, 4x12, 3x10, 4x16, 5x12, 8x8, 8x16, 12x12	Design Flexibility; Many coursing possibilities; Accurate sizing for bond pattern; Seismic & Security Wall Systems
Special Shapes	Large Number of standard offered, plus special Handmade Shapes	Design Flexibility; Ease of laying up wall; Enhancing the ambience
In-Wall Cost (using same shape)	Same or Competitive	Lower life cycle wall cost than painted or prefaced block
Mortars	Conventional	Finish and wall installed by one trade at one time using standard mortars and tools
Cleaning	MAY USE- Paint removers, solvents, acids, & acetone. In addition to normal proprietary cleaners.	Cleans with soap & water. Environmentally friendly, no harsh chemicals; Lower maintenance costs.