



Ceramic Glazed Brick Accent
Rice University



As Green as it Gets.

Elgin Butler Company offers life-cycle performance-based masonry products that are ideal for environmentally-friendly projects. Our Glazed Brick and Structural Tile provide the best combination of quality, safety and affordability, making them a perfect choice for sustainable construction and design. **Build it once to last a lifetime.**



CerraStone
Johnson and Wales University Academic Building

Elgin Butler Company's ceramic glazed brick and structural tile can effectively contribute "points" to projects being constructed under the U.S. Green Building Council LEED® certification rating system.

ENERGY & ATMOSPHERE

Optimize Energy Performance (2–10 points).

Brick and structural glazed tile have thermal lag, which allows for the high thermal mass of these products to lessen the effects of heat and cold, therefore reducing energy demands during peak-demand hours.

MATERIALS & RESOURCES

Construction Waste Management (1–2 points).

Brick and structural glazed tile arrive on wooden pallets that are reused many times. The packaging is recycled paper that is landfill biodegradable and may be recycled. Product waste is <1% as most damaged pieces (max. 3% per load) can be reused as cut pieces on the project or as filler in the core holes to meet fire resistance ratings.

Resource Reuse (1–2 points). There is a high demand for "used" clay masonry, which is one of the most widely reused wall/flooring materials for new construction. Clay brick and structural glazed tile can be 100% recycled after the life of the product (100+ years). These materials can be used in other projects, thereby reducing landfill waste.

Local/Regional Materials (1–2 points). Clay is considered an "unlimited resource" material and is our primary manufacturing ingredient. Our clay is located at the manufacturing site; therefore, we have no input shipping distance, which offsets most output shipping distances.

Recycled Content (1–2 points). We operate a "no waste/no-discharge manufacturing" process—that is, clean-up water and manufacturing rejects are reused/recycled in manufacturing.

Letting People Breathe Easier

Below are several areas where ceramic glazed brick and structural tile can contribute toward environmentally-friendly projects. Consider these additional benefits when totaling all potential points:

- Improves IAQ (Indoor Air Quality) with no off-gases; contains no hazardous chemicals, volatile organic compounds (VOC's) or asbestos. (See case study *Environmental Health Clinic*, Halifax, Nova Scotia, at www.elginbutler.com).
- Requires zero maintenance (no-fading, no painting).
- Emits no toxic fumes, ozone-depleting substances or smoke, even when heated to 2000° F.
- Graffiti is easily cleaned with environmentally-friendly detergent products, preventing the need for harmful chemicals.
- Provides zero smoke density, zero fuel contribution and zero flame spread in a fire.
- Delivers high quality clay masonry wall systems that are consistent and reliable, even in seismic zones.
- Contains no organic material that can contribute to mold or bacteria growth; will not sustain insects.
- No refinishing or sealers necessary, thereby reducing harmful emissions into the atmosphere.



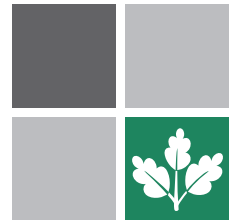
Ceramic Glazed Brick
Johnson Space Center Credit Union

Elgin Butler Company

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PRODUCTS FOR CREATIVE ARCHITECTURE.

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