



Ceramic Glazed Clay Units add Color to Architectural Design

September 2016

Color is good. Using color as a form of expression is like being an artist at a craft. If given an opportunity to build a new colorful construction project, ceramic glazed clay brick units and ceramic glazed clay tiles are a great way to create design elements, display team colors and logos, and even to tell a story. A masonry wall can serve as the canvas, and using colored clay tiles provide an energy and excitement that can make each building design fresh and unique.

Ceramic glazed clay units can be used for indoor or outdoor applications. The kiln-fired glazed facing tile and structural glazed brick are fired at 2000 degrees, giving them a smooth and sleek surface that does not peel off, flake, patinate or fade.



Glazed brick can be used as loadbearing, cavity or veneer walls. The fired clay material can provide the durability and longevity that is required for schools, municipal buildings, libraries, museums, and art centers, for example.

Gloria Hicks Elementary School

Ceramic Glazed Brick and Structural Glazed Tile in the 8" x 8" size uses an assortment of vibrant colors to create a beautiful accent band on the inside walls and are used as columns on the outdoor entrance.

Location: Corpus Christi, Texas

Products: Glazed Brick, Structural Glazed Tile

Manufacturer: Elgin Butler Company

Application: Educational Facilities

Architect: Gignac & Associates, LLP



Ceramic glazed brick are used for exterior locations and are cored vertically to help drain moisture. Ceramic glazed tiles are cored horizontally and are used for interior applications.

Easy maintenance is a must have for public buildings.

Ceramic glazed clay brick colors remain vibrant in all types of weather conditions. What's more, the facing tiles and glazed brick do not require refinishing, refurbishing, or rebuilding. The smooth ceramic surface makes them easy to clean and mold free. Since the color does not fade or change over time, the design will be permanent and durable enough to be long lasting. Ceramic glazed clay brick is a great choice as an outdoor building material because it performs well in all types of weather conditions, and requires no special cleaning or maintenance.

Think Green - Clay is from the Earth!

Ceramic glazed clay tiles and ceramic structural clay brick are made from the earth, and in turn, can ultimately be returned to the earth in a state that is nondestructive, non-polluting and a safe element that is compatible with its surroundings. Clay is a durable building product that has a 100 year life and can perform for the life of the building. Ceramic glazed clay products provide a high quality masonry wall system that is consistent and reliable, and can leave a structural legacy that won't adversely affect future generations.

Energy efficiency is Important too!

The high thermal mass of glazed clay units creates thermal lag which lessens the effects of outdoor temperature changes. This helps to reduce energy consumption and stabilizes temperatures for longer periods of time than other building materials. The exterior loadbearing cavity wall masonry provides high energy efficiency to help to control energy costs and reduce indoor temperature swings. Ceramic structural glazed tile is a proven building material that meets performance, economic, and energy efficiency requirements for public institutions.

Ceramic Glazed Clay offers Safety from Fire.

It's easy to understand why ceramic glazed clay products are used in schools and public buildings. The smooth surface is impervious and has a high tolerance for abuse such as impact, abrasion and graffiti. The ceramic glazing is fired onto the clay unit, and in the presence of fire, emits no noxious or toxic fumes, ozone depleting substances or smoke. Ceramic glazed tile are fire resistant and provide zero smoke density, zero fuel contribution, and zero flame spread in the event of a fire.

Download Technical Notes on Ceramic Glazed Brick> [BIA Technical Notes #13](#)



Livonia Community Recreation Center

"A paradise for fitness fanatics, the ultimate playground for kids, and a relaxing spa for mom and dad. The open interior hums with color, energy and the pure joy of movement." - CAM Magazine

Location: Livonia, Michigan

Products: Glazed Brick, Structural Glazed Tile

Manufacturer: Elgin Butler Corporation

Application: Recreational Facilities

Architect: Neumann Smith

Choose Ceramic Glazed Structural Tile and Ceramic Glazed Brick for your next project and create your own colorful masterpiece!

For more information about these products contact your local distributor, Rauch Clay Sales Corporation at 773.254.0775