



Doyle Dickerson Terrazzo Presents

CASE STUDY: TERRAZZO IN SCHOOLS



Doyle Dickerson Terrazzo Case Study: Terrazzo in Schools



Remembering our school days were among the most memorable times of our lives. We remember the friends we made, the teachers who motivated us, the prom, the football games, and so on. But do we remember the how the school looked like from the inside? Do we actually remember the flooring that we once walked on?

A challenge facing architects today is finding a flooring solution that is both durable and aesthetically appealing, yet economical. Over the past decades, public schools have seen increased enrollment, with more students planning to continue their education at colleges and universities soon after graduation. As a result, school buildings are among the largest construction sectors in the United States today. With more students attending schools than ever before, architects have turned to terrazzo to combat areas with high levels of foot traffic.

Schools are among the top institutions installing terrazzo today. Terrazzo dates back over 1,500 years ago yet still remains a popular commodity among architects and designers for its long-lasting durability and low maintenance. When combining these features with the limitless design options available, terrazzo becomes the perfect foundation for schools, offering current and future generations of students with safe flooring and memorable school experiences.



Design Options



Imagine entering a school to find a seamless and glistening floor before your eyes. Terrazzo is capable of creating beautiful and memorable entrances. With the options of choosing aggregates and epoxy that match a school's colors, the terrazzo floors make for a spirited atmosphere that unifies the entire building from corridor to corridor. The design aids in providing a welcome invitation for students, faculty and visitors for years to come.

Some schools even merge their logos, mascots, lettering and other graphics into the terrazzo floor. These images give schools a distinct identity that resonates with those who have walked and will walk through the hallways at some point in his or her life



Ease of Maintenance

Custodian staff will learn that cleaning a terrazzo floor is quite simple. With hundreds, even thousands of students and faculty commuting back and forth between class, a well-maintained flooring system is important to have. Terrazzo floors only need a damp mop and a bucket of warm water to restore the surface to its original state. No wax or special cleaners are necessary.

The benefits of a terrazzo floor is well documented. Epoxy terrazzo floors have the lowest life cycle cost of any flooring system available on the market today thanks to terrazzo's durability. On average, terrazzo floors last up to 75 years and often last longer than most buildings itself. With minimal repairs needed over the next century, terrazzo floors will flourish in schools.



Sustainability

Architects are transforming schools with a positive impact on student health and the environment. Today schools can receive LEED certification based on how the building is constructed and operated. Terrazzo is front and center in the green building initiative. Design teams love terrazzo for its use of recycled content like post-consumer glass and marble chips, it's low VOC content levels and being regionally sourced by terrazzo contractors.

Studies have shown that an eco-friendly school can yield higher academic performances. Whether sustainable features aim to improve indoor air quality, increase exam scores or elevate teacher productivity, terrazzo can help architects deliver these standards. Ultimately, installing terrazzo is a sure way to develop a healthier and richer learning environments for all students.



Georgia State University Humanities Law Building

Location:
Atlanta, GA

Contractor:
McCarthy Building Companies, Inc.

Architect:
Stevens & Wilkinson GA, Inc.

Scope:
Epoxy terrazzo
Pre-cast Stair and Risers

LEED Status:
Gold

Paving the Way For a Brighter Future

The Humanities Law Building at Georgia State University is a 200,000 square foot campus building designed to bring young legal minds together as they pursue an advanced education. The project features many sustainable elements such as magnetic drive chillers and terrazzo flooring. 30,655 square feet of epoxy terrazzo was installed throughout the building, which also includes a beautiful pre-cast terrazzo staircase intersecting multiple levels of the building.

With an expected increase in enrollment in the next few years, it was essential to offer a space that is both inviting and engaging. The white terrazzo floors flow from lecture halls, administrative offices, a law library and to community gathering spaces. This is a place that provides everything a legal student need, paving a path for success in their field of study. The professionally designed environment entices prospective students who can envision a bright future while attending Georgia State University.



Designing schools for the
FUTURE!



George Mason University Science & Technology Bldg.

Location:
Fairfax, VA

Contractor:
Donley's LLC

Architect:
Perkins & Will

Scope:
Epoxy terrazzo
Pre-cast Stair and Risers

LEED Status:
Target LEED Gold

Perfect Chemistry Between Science and Art

When entering into the Science and Technology Building at George Mason University, it is hard not to stop and admire some of the artwork embedded in the terrazzo flooring. Terrazzo can create intricate designs that can really enhance any space. For this project, scientific and technological imagery makes this building a creative wonder. As students and staff members explore this innovative center, it is clear that this is place for learning.

Epoxy terrazzo covers the upper and lower floor levels of this building. Custom pre-cast terrazzo stairs sync in perfect harmony with the architectural layout of the space. To highlight some of the creative artwork, the installation includes a mixture of spiral and wavy lines along with scientific terminology and symbols. If a creative floor can exist like the one at George Mason University, only imagine the possibilities a floor like this can do for your local schools. It may even stir up a bit of creative flair for students.





UNC Charlotte Prospector Hall

Location:
Charlotte, NC

Contractor:
Clancy & Theys Construction

Architect:
Tobin Dudley Starr & Partners

Scope:
Epoxy terrazzo
Pre-cast Tile and Cove Base

Good Eats. Great Terrazzo.

For many students, breakfast, lunch and dinner are among the most eventful part of their school experience. Not only do students take a break from learning but this time also allows them to socialize with friends over a meal. Prospector Hall at UNC Charlotte is one of the busiest locations on campus, bringing in thousands of students to the dining hall in a short matter of time.

With the heavy amount of foot traffic and considerable amount of food stains daily, it was important for the university to install a flooring that was both durable and easy to clean. Terrazzo is the perfect flooring choice for dining halls and restaurants across campus. As the floor clears of students, staff members can easily restore the floors to looking shiny and new all in one swoop of a mop. With students spending most of their times in the classroom, it is essential to give them with a space that is clean and relaxing.





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