

CASE STUDY

EPIC GLOSS HELPS CREATE AN AWARD-WINNING FLOOR AT ST. JOSEPH CHRISTIAN SCHOOL



AT A GLANCE

Challenges

- Achieve a consistent polished finish
- Deliver a durable, high-performance surface
- Highlight the depth and visual character of the glass aggregate
- Achieve a high-gloss, wet-look appearance without haze

Solution

- EPIC Gloss High-Performance Floor Finish
- Weighted T-bar application with microfiber backrolling
- Hands-on EPIC training and manufacturer support



OVERVIEW

St. Joseph Christian School's Blue Phase Addition features a custom polished floor designed to make a visual impact from the moment visitors enter the building. The celebrated floors extend through the main entry, kitchen, restrooms, stairs and hallways, incorporating polishable concrete topping with mirror-finish glass aggregate and 3/8-inch terrazzo strip detailing. An extremely high quantity of glass was incorporated into the cement mixture, creating exceptional depth and visual character throughout the floor.

Concrete Revival brought its expertise in decorative and polished concrete to the project, ultimately earning the 2026 American Society of Concrete Contractors (ASCC) Decorative Concrete Council and Concrete Polishing Council award in the category of Polishable Concrete Topping Under 5,000 SF, Excluding Terrazzo. For the finishing system, Concrete Revival selected EPIC Gloss High-Performance Floor Finish from Ultra Durable Technologies.

CHALLENGE

The unusually high concentration of glass in the concrete created both the opportunity and the challenge. The goal was not simply to expose the aggregate. The finished floor needed to showcase the depth and visual character of the glass while achieving the high-gloss appearance expected of a polished architectural floor.

Achieving that result required careful grinding, grouting and polishing to expose the aggregate and prepare the surface for the final finish. The finishing product also needed to enhance the appearance of the glass rather than introduce haze or diminish the depth of the floor.

Because the project extended across the main entry, kitchen, restrooms, stairs and hallways, achieving a consistent finished appearance across multiple areas was equally important.



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Al Harmening
Owner - Concrete Revival



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SOLUTION

After the polished concrete surface was prepared, Concrete Revival applied EPIC Gloss using a weighted T-bar applicator and backrolled with a microfiber roller. The floor's unusually high concentration of glass aggregate made clarity especially important. EPIC's extreme gloss and clarity, with zero haze, created the desired wet-look appearance while enhancing the depth and visual character of the glass rather than obscuring it. A second application of EPIC Gloss completed the finishing system.

For Concrete Revival owner Al Harmening, EPIC's versatility was an important advantage for his installation team. "UDT's EPIC is a great product. It's versatile in application which is great because now I can train my installers on one product instead of several for a variety of finishes." Concrete Revival also received hands-on EPIC training directly from Ultra Durable Technologies, giving the team practical experience with the product and application process.

OUTCOME

The finished floor combines an Ardex K530 polishable topping with mirror-finish glass aggregate, terrazzo strip detailing, and EPIC Gloss to create a highly reflective surface with exceptional depth and clarity. The extreme gloss of EPIC enhances the visual impact of the glass, while its clarity allows the decorative aggregate to remain a prominent part of the finished floor. The result is a distinctive architectural floor designed to withstand the demands of a busy school environment.

The project also demonstrates the value of support beyond the product itself. Reflecting on the experience, Harmening said, "I have confidence in the product's performance, my installers' ability to apply it, and my distribution and manufacturing partners to support us in the field." That combination of product performance, hands-on training and field support helped Concrete Revival deliver the finished result.

The project earned Concrete Revival the 2026 ASCC award for Polishable Concrete Topping Under 5,000 SF, Excluding Terrazzo, recognizing the craftsmanship and execution of the completed floor.



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