Concrete Innovations and Answers®





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"We tried to keep the design simple, sleek and high-style. It could have been built anywhere in the world and still fit in."

Randy Merrill McGill Smith Punshon, Inc.



Precast concrete use is increasing in Ohio since its approval in 2004 for the construction of elementary schools and high schools. Ideally suited to tight construction schedules, budgets and demanding design goals, precast systems with thermally efficient precast sandwich wall panels provide performance and occupant comfort that's superior to traditional cavity wall construction.

Cincinnati's new Academy of World Languages K-8 school is designed in the international style, consistent with it's focus as a magnet school for foreign languages. Its fun, colorful exterior draws the eye with multiple finishes and textures, lending a welcoming, kid-friendly atmosphere.

Working with a tight deadline and budget, the design team chose a precast system from High Concrete Group, LLC for the 85,500 square foot structure. High Concrete Group produced the 173 architectural precast insulated exterior wall panels. The precast concrete components were fabricated off-site and delivered in a kit of parts for immediate erection.

Overall, the high performance insulated wall panels and the entire precast system saved time, reduced cost, improved durability and enhanced aesthetics. As a result, the Academy of World Languages is set to promote learning and reduce absenteeism for the kids who attend.



