



Governor Mifflin Intermediate School

Shillington, Pennsylvania

Originally fronted with a humdrum institutional entrance, the recently renovated Governor Mifflin Intermediate School in this suburb of Reading, PA, now beckons visitors with a dramatically fresh looking appearance.

Adding to the uniqueness of the project is the use of TX Active. According to the project description issued by project designer Heather Rizzetto Schmidt, LEED AP: The specific type of concrete used in the monumental wall is a self-cleaning, pollutant reducing product that is capable of removing significant amounts of environmental air pollutants.

Because this was the region's first through-body pour using concrete formulated with TX Active, there were some questions about whether the concrete would flow and form properly, Schmidt explained. "But Heidelberg Materials' VP of Sales - Cement, Dan Schaffer, was there every step of the way with technical guidance. All aspects of the pour went smoothly and the final results are astonishing."

Project Designer Schmidt is Associate Principal of the architectural studio, based in Allentown, PA. Berks Products of Ontelaunee, PA was the concrete producer for the project.

"I'm passionate about designing with concrete, but standard concrete gets dirty over time," said Schmidt. "TX Active enabled us to incorporate white concrete into this project, achieving a dramatic, monolithic color without concerns about unsightly streaking or other variations due to weathering."

TX Active®: good, clean design

When applied to various materials, photocatalysis creates a "self-cleaning" effect. While early photocatalytic cements were effective in keeping surfaces clean, the levels of photoactivity achievable with TX Active cement is such that it actually abates the organic and inorganic substances responsible for air pollution.