

Acrylic Wall Coating Provides Water Resistance, Improves Aesthetics

Franklin County Engineer's Office | Columbus, OH

CHALLENGE

Over the years, water running down the exterior masonry surface of the transportation building at the Franklin County Engineer's Office in Columbus, Ohio, has caused water stains and discoloration. The leaking, occurring at the flashing joints every 10 feet around the perimeter of the building, created additional moisture on the surface that resulted in mold forming. The mold was cleaned with a pressure washer, further discoloring the split-face block. In addition to the problems caused by the moisture, a 6-foot tall metal frame above an entryway was removed, and the block used to fill the opening didn't match the rest of the building.

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Pat Shipley
Building and Grounds Superintendent
Franklin County Engineer's Office

The building had recently been retrofitted with a new roof and the county wanted to complete the face-lift by improving the exterior aesthetics of the building. Pat Shipley, building and grounds superintendent for the engineer's office, knew that painting the building would only be a short-term solution, because it would need to be repainted every eight to 10 years. "We try to avoid painting buildings because of the costs involved in maintaining them. I was looking for a product that would cover the imperfections in the masonry and provide a fresh new look for the building," Shipley explains.

SOLUTION

Shipley looked to local Garland representative, Wes Van Autreve, whom he had worked with on the retrofit project, for advice. Van Autreve recommended Tuff-Coat™ acrylic architectural wall coating to improve the appearance of the building. In addition to creating an aesthetically pleasing look, Tuff-Coat dampproofs exterior masonry surfaces, keeping water from penetrating the block and creating mold. Van Autreve explains, "Tuff-Coat offered Franklin County a cost-effective, lower maintenance option than painting the building. Tuff-Coat is not only water resistant, but it won't peel, chip, blister or crack – problems that often occur when painting masonry surfaces."

Local coating company, CPI Industrial Co., applied the product, which was sprayed and rolled onto the nearly 12,000-square-foot building. Dave Serio, a CPI sales representative who has worked in the coating business for more than 40 years, was impressed with the ease of application and final result. "Normally, when you coat split-face blocks with acrylic products, you can see roller marks and spray overlaps. This product leveled out very nicely; it did a beautiful job," Serio explains.

Shipley was equally impressed with the product and concludes, "We are really happy with the ease of application and the aesthetic value Tuff-Coat brings to our building."

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GOVERNMENT



Project: Franklin County Engineer's Office
Location: Columbus, OH
Garland Rep: Wes Van Autreve
Contractor: CPI Industrial Co.
Materials: Tuff-Coat™