

PEACHTREE BUILDING

When architects for a prestigious office tower at 1355 Peachtree in Atlanta needed a long-lasting topcoat for previously painted exterior metal, they followed the lead of other landmark buildings around the country and chose Fluoronar from Tnemec. "They coated all the window frames, door frames and exterior miscellaneous metals on this very unique structure," reported Tnemec coating consultant Dean Drehoff. "This was a three-month project that required more than 100 gallons of Fluoronar, which is the best air-dried product in the marketplace today for gloss and color retention."

Series 1070 Fluoronar, a fluoropolymer polyurethane, was chosen for its ability to resist the damaging effects of ultra-violet (UV) light, while providing exceptional color and gloss retention. Fluoropolymer resin is more stable and UV-resistant than acrylic or conventional polyurethane resin. Fluoronar contains the highest-quality, colorfast pigments for superior color retention, and carefully screened additives for added UV stability in demanding exterior architectural applications. Fluoronar exceeds the aesthetic performance of polyurethanes, which are considered to be the industry standard for exterior topcoats.

The previously painted exterior metals were prepared in accordance with SSPC-SP1 Solvent Cleaning to remove all visible oil, grease and other surface contaminants. The coating system included a prime coat of Series 66 Hi-Build Epoxoline, a polyamide epoxy, followed by a coat of Fluoronar, both brush-applied. "The finish was white with a light green tint to it," according to Drehoff. "Three applicators worked from scaffolding and when it was finished, they raved about how user-friendly the products were and about the color consistency from one can to the next."

Drehoff noted that Tnemec provided a 10-year gloss and color warranty on the coating system, similar to those offered by manufacturers of coil-coated architectural panels. "Fluoropolymer technology is a field-applied alternative to Kynar and its baked-on finish, which is why the architect specified this two-coat system," Drehoff added.

FEATURED PRODUCTS

Series 66 Hi-Build Epoxoline
Series 1070 Fluoronar



PROJECT INFORMATION

Project Location

Atlanta, Georgia

Project Completion Date

July 2003

Owner

Real Estate Advisors/TMW Real Estate

Colonial Properties Trust - Birmingham, Alabama

Architect

Wilson & Strickland - Alpharetta, Georgia

Fabricator / Applicator

Benise Dowling - Atlanta, Georgia

Series 1070 Fluoronar, a fluoropolymer polyurethane finish coat, provides excellent color and gloss retention for the prestigious office tower located at 1355 Peachtree in Atlanta, Georgia.

