



Tallahassee Police Department headquarters building, Tallahassee, Florida

Fast Facts

PROJECT

Tallahassee Police Department headquarters building, Tallahassee, Florida

Resealing of three-story glass block wall and repair of control joints

PRODUCTS

Dow Corning® 123 Silicone Seal

Dow Corning® 791 Silicone Weatherproofing Sealant

Approximately 5,000 lineal feet of silicone seal applied

“Over the past several years we have had outstanding success with the Dow Corning products supplied by Coastal Construction Products. The results have exceeded our expectations.”

Mike Mulrennan, Facilities Manager, Tallahassee Police Department

Proven silicone weatherproofing helps the Tallahassee police stay dry.

The headquarters building for the Tallahassee, Florida, Police Department features a striking three-story glass block wall. The glass block construction helps provide natural light to the interior, and the gentle curves of the design help soften the exterior of the building. Striking though it is, letting light in while keeping water out has been a problem for the city.

Over the years a variety of approaches had been tried without complete success. Working as a team, Coastal Construction Products, Inc., and Rippee Construction designed an effective solution. Their recommendation included the application of *Dow Corning*® 123 Silicone Seal to all mortar joints between the glass blocks, and the use of *Dow Corning*® 791 Silicone Weatherproofing Sealant for all other joints in the glass block wall.

“This was a challenging project,” said Michael Keeling, sales representative for Coastal Construction Products. “We had two goals: stop the leaks into the building, but don’t change the appearance of the dramatic design. The Dow Corning pre-formed silicone seal enabled us to meet both requirements.”

A mile of sealant.

The general contractor for the project was Tallahassee-based Rippee Construction.

The contractor requested mock-ups of a wall section to be constructed and sealed using the Dow Corning product to help ensure success.

“We were going to apply 5,000 lineal feet of this sealant, so we wanted to prove the concept,” said Carol Rippee, principal in Rippee Construction. “We relied on Coastal Construction Products to

... continued on back

build and test the mock-up, and then to provide training for the application crew. The mock-up proved that *Dow Corning* 123 Silicone Seal performed to specification. An added benefit is that the use of the pre-formed tape has not changed the overall design aesthetic of the building in any way, and that is important to the city.”

Dow Corning 123 Silicone Seal is specifically designed for use to repair glazing details. *Dow Corning* 791 Silicone Weatherproofing Sealant is a premium performance product specifically designed for general glazing, and weathersealing in curtainwall and building facades.

A solution that works.

“The building was completed in the late 1980s, and water intrusion through and around the mortar joints and building control joints has been an ongoing problem,” said Mike Mulrennan, facilities manager for the police department. “Over the past several years we have had outstanding success with the Dow Corning products supplied by Coastal Construction Products. The results have exceeded our expectations. And we know the products are backed up by a warranty that adds peace of mind.”

Keeping dry, at least in the vicinity of the signature glass block wall, should not be a problem for the Tallahassee Police Department headquarters personnel from now on. The combination of proven silicone sealant technology from Dow Corning and knowledgeable, detail-oriented service from Coastal Construction Products is truly a solution that works.



AV05392

THE PROJECT TEAM

Michael Keeling, Sales Representative
Coastal Construction Products, Inc.
3401 Phillips Highway
Jacksonville, FL 32207 • 904-398-7171

Carol Rippee, Principal
Rippee Construction
1500 Lloyd's Cove Rd.
Tallahassee, FL 32312 • 850-668-6805

Mike Mulrennan, Facilities Manager
Tallahassee Police Department
234 East 7th Avenue
Tallahassee, FL 32304 • 850-891-4200

Alex Littlefield
General Lee's Painters
1912 Creek Hollow Trail
Tallahassee, FL 32317 • 850-877-8496

Coastal Construction Products, Inc.

Corporate Offices
3401 Phillips Highway
Jacksonville, FL 32207-5609

Phone: 904-398-7177
Fax: 904-399-1281

Dow Corning is a registered trademark of Dow Corning Corporation.

©2008, Coastal Construction Products. All rights reserved.

AGP9493

COASTAL
CONSTRUCTION PRODUCTS, INC.