

Weatherproofing

*Dow Corning® 123
Silicone Seal*

*Dow Corning® 795
Silicone Building
Sealant*

*Dow Corning®
AllGuard
Elastomeric Coating*

“The only coating that made any real sense was Dow Corning® AllGuard Elastomeric Coating. They were looking for an extended warranty, and that’s why we chose it.”

– Roy Conrad,
Branch Manager
Gorman Moisture
Protection, Inc.

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“Dow Corning® AllGuard Elastomeric Coating has more of a matte finish; the texture feels better; and I believe dirt pick-up will be minimized.”

– Joseph Solinski,
President
Stone & Glazing
Consulting, Inc.

Dow Corning silicones hold back ‘sea of water’

Before the three-story, stucco and brick Texas Association of School Administrators building received a Dow Corning rehabilitation, a big storm was big trouble. “The building was a sea of water,” says Roy Conrad of Gorman Moisture Protection, Inc., of El Paso, Texas. “Water literally poured in from every direction.”

Conrad’s solution was up to the task.

Dow Corning® 123 Silicone Seal, a preformed silicone extrusion, bridged joints from the walls to roof flashing and was also used on metal-to-metal joints, on the aluminum window sill flashing and across stucco control joints. Then, *Dow Corning® 795 Silicone Building Sealant* was used to replace the failed urethane caulk around the aluminum and steel windows.

Finally, the exterior stucco was coated with *Dow Corning® AllGuard Elastomeric Coating* in a bone-white color and the metal casement windows in a bronze color, sealing the building against leaks and giving it a bright appearance. The coating, which comes with a 10-year weatherproofing guarantee, acts as a breathable waterproof covering, allowing water vapor trapped in the substrate to escape without compromising its water repellency.

“Everything on this building leaked,” says Conrad. “Now, the building is completely dry.”



*Texas Association of School Administrators
headquarters building, Austin, Texas*

Dallas landmark gets leak protection and facelift



Landmark Center, Dallas, Texas

Dow Corning® 795 Silicone Building Sealant and used *Dow Corning® 123 Silicone Seal*, a preformed extrusion with remarkable movement capabilities, to seal the metal-to-metal joints in the new aluminum coping cap around the roof.

The final touch following the repair, power washing and priming of the brick facade, was two coats of *Dow Corning® AllGuard Elastomeric Coating* in a custom color that matched the building’s previous paint, plus various accents in a lighter color for contrast. The silicone coating was just what the building needed – an additional layer of durable, waterproof leak protection, plus the enduring color that a building like the Landmark Center deserves.

“It looks great, and we’ve been very pleased so far,” reports property manager Yvette Horvath, RPA.

Built in 1913, the six-story brick and concrete Landmark Center was renovated in 1980, but by 1996 it “leaked profusely,” according to Joseph Solinski, president of Stone & Glazing Consulting, Inc., of Dallas, Texas. Solinski isolated a number of problems, including improper window flashing, failed urethane perimeter sealing and crumbling brick mortar. He recommended a silicone solution.

April Building Services of Dallas resealed the windows and small mortar cracks with

Top-to-bottom silicone fix ends hospital's history of leaks



Flagler Hospital, St. Augustine, Florida

The 200,000-square-foot Flagler Hospital complex in St. Augustine, Florida, began to leak soon after opening in 1989. All simple remedies failed, and the problem worsened. "We were getting water into this building at practically every opening," says Jim Conzemius, president of Flagler Hospital.

The hospital hired Centex Rodgers Construction Company of Nashville, Tennessee, to resolve the situation. Centex brought in weatherproofing

consultants Williamson & Associates of Atlanta, Georgia, and ABG Caulking, Inc., of Goodlettsville, Tennessee. The team came up with a comprehensive solution – four silicone products from Dow Corning.

"Dow Corning sealants are probably the best on the market," says Arles Greene, president of ABG Caulking. "They don't deteriorate, they're not affected by ultraviolet light and they have good bonding capabilities."

Dow Corning[®] 123 Silicone Seal, a preformed extrusion, was used in a variety of ways that saved time and labor. *Dow Corning*[®] 795 Silicone Building Sealant was used to replace failed urethane caulks at glass-to-metal window joints and *Dow Corning*[®] 790 Silicone Perimeter Sealant at glass-to-stucco perimeter joints.

After unsightly mold was cleaned from the building's exterior and the walls primed, the fourth Dow Corning product was used. Several coats of *Dow Corning*[®] AllGuard Elastomeric Coating were power-rolled on the walls, a misty white color and a custom light green. This durable silicone coating provides an effective, long-lasting waterproof barrier to above-grade exterior walls, leaving Flagler Hospital ready to take on the harsh Florida coastal environment.

"The building hasn't taken on any more water," Flagler's Conzemius reports, "so we're very happy with the results."

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Silicone Seal

Dow Corning[®] 795
Silicone Building
Sealant

Dow Corning[®] 790
Silicone Perimeter
Sealant

Dow Corning[®]
AllGuard
Elastomeric Coating

“ This complex was leaking so badly, and there were so many things causing the leaks, it needed personal attention. Dow Corning support services were outstanding.”

– Lawton DeRossett,
Vice President
ABG Caulking, Inc.

FOR MORE INFORMATION

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