



Restoration [Sto]ries



At Sto, there's an art to restoration.

Traditionally, building restoration has been little more than a long punch-list. Sto®, a longtime leader in innovative solutions for the restoration of building facades, now offers the most comprehensive, most holistic solution on the market: The A.R.T. of reStore™, offering a source for materials and services to address all your maintenance and restoration requirements.

The Restoration [Sto]ries in this book are just a few examples of the many ways to take advantage of The A.R.T. reStore. They show how we utilize our innovative products to improve the look of your building, fix structural issues and address the performance of your building.

A

Aesthetics

What do you want your building to look like?

R

Repair

What are your building's issues and how do we fix them?

T

Transformation

How can we transform the performance of your building?





The A.R.T. of reStore™

A Aesthetics

R Repair

T Transformation



Architect:
Construction Science
and Engineering

Building Owner:
Edgewater
Condominium Board

General Contractor:
Prime South

Applicator:
Premier Exteriors

Distributor:
Capital Materials Coastal

Reclad with StoTherm® ci Solves Water Intrusion Problems for North Myrtle Beach Condo Community

The Edgewater Condominiums, with 260 units near the Atlantic Ocean in North Myrtle Beach, SC, were built over a period of five years and completed ten years ago. The Edgewater COA Board of Directors voted to replace the stucco on all buildings. A Level 4 Remove and Reclad was called for, and Jason Smith, AIA, Senior Architect of Construction Science and Engineering (CSE), knew exactly what to specify for the 10-building condo project.

Smith specified approximately 250,000 SF of StoTherm® ci Lotusan®, a continuous insulation wall system. The high-performance, energy efficient wall cladding integrates components including StoGuard®, waterproof air barrier, StoTherm® insulated cladding and drainage, and StoLit® Lotusan, a textured finish with self-cleaning properties that mimics the self-cleaning capabilities of the lotus leaf. With this system from Sto they have already noticed reductions in their utility bills.

The team effort of Prime South, Construction Science and Engineering, Premier Exteriors, Capitol Materials Coastal, the Edgewater COA Board of Directors, and Sto Corp. was so successful it attracted the attention of a neighboring community in which they will soon be starting to work on. The condo community will also be using the same Sto system on its five buildings.

The A.R.T. of reStore™



StoPanel® Delivers Improved Comfort with Minimal Disruption in Six Story Office Building Restoration Project



A 1965 cast-in-place concrete office building in Bala Cynwyd, PA was showing its age. The tenants were hot in the summer and cold in the winter, and the 345,000 square foot building needed an update inside and out to address occupant comfort and energy efficiency. Renovation to an existing concrete structure is a challenge, even more-so while it is fully occupied.

The team knew that speed and minimal disruption of the building tenants were of primary importance, so they consulted with Sto Corp. and its affiliate, Jersey Panel. After much discussion, StoPanel Classic NExt ci was chosen for the Level 3 Overclad project. This lightweight prefabricated insulated panel is energy efficient and durable, with continuous insulation and StoGuard® waterproof air barrier.

The time savings with panelization was instrumental in reducing disruption to the tenants. The panels were fabricated off-site at Jersey Panel and so the panel installation took only a short three months.

A low-angle, upward-looking photograph of a modern building's exterior. The building features a repeating pattern of white, rectangular panels and dark-framed windows. The windows have a blue tint, reflecting the clear blue sky. The perspective creates strong diagonal lines across the frame, emphasizing the building's height and architectural details.

Location:

Bala Cynwyd, PA

Architect:

McGillin Architecture, Inc.

Building Owner:

Tishman Speyer

StoPanel Affiliate:

Jersey Panel

Sto Products:

StoPanel Classic NEXT ci with
StoLit® Lotusan®



Location:

Newark, New Jersey

Architect:

L+M Development

Distributor:

Sto of NJ

Applicator:

AA Construction

Sto Products:

StoTherm® ci

Sto Helps Transform Newark Affordable Housing Development

The A.R.T. of reStore™

Built in 1976, Georgia King Village in Newark, New Jersey, was in need of a makeover to its two 18-story affordable housing towers. The complex was in distress. For the sake of the suffering residents, the owners, L+M Development set out to make major improvements, while preserving its affordability. Their goal was to transform the buildings and give residents homes they could take pride in.

L+M Development had worked with Sto Corp. on several projects over the years. Familiar with the fully engineered systems for building envelopes, they chose a Level 3 Overclad using StoTherm® ci Essence, a system that combines the quality of StoTherm® technology with a StoGuard® waterproof air barrier with air, water, and vapor control layers for protection against moisture intrusion.

It was not an easy project. With eight facades, multiple drops and a difficult design pattern to follow -- along with losing a couple of months to inclement weather -- it was a challenging, albeit rewarding, endeavor. The reward is that residents of Georgia King Village were able to remain in their apartments for the duration of these improvements and installation. L+M accomplished their lofty goals of making the Georgia King Village apartments more efficient, more comfortable, and more attractive, with a fresh new design and structural improvements.



The A.R.T. of reStore™

StoTherm® ci System Overclad Gives Multi-Family High Rise an Energy Efficient Facelift

Union Towers I in Weymouth, Massachusetts was suffering from moisture intrusion and heat loss. The 60,000 square feet, 11-story brick residential building with retail stores on the first floor was built in the early 1970s without proper insulation and had dealt with water infiltration issues from day one. Repairing the deteriorating brick and mortar joints, however, was going to be cost prohibitive.

After touring other buildings with Exterior Insulation and Finish Systems, architects McKinnell, McKinnell & Taylor Inc determined that a Sto reStore Level 3 Overclad with a StoTherm ci system would provide a cost-effective solution while also delivering the additional insulation they desired. They specified a StoTherm® ci Lotusan® system with an inch and one-half EPS for the renovation project. This high-performance, energy efficient wall cladding integrates several needed Sto components such as a waterproof air barrier, insulated cladding and drainage, and StoLit® Lotusan, a textured finish with self-cleaning properties that mimics the self-cleaning capabilities of the lotus leaf.





Location:
Weymouth, MA

Architect:
McKinnell & Taylor, Inc.

Building Owner:
Union Congregational Church
Homes, Inc.

General Contractor:
Dellbrook Construction LLC

Applicator:
Rima Designs, LLC

Distributor:
Kamco Supply of Boston

Sto Products:
StoTherm® ci Lotusan®



Location:

Elgin, IL

Architect:

BTC

General Contractor:

MARK 1 Restoration

Applicator:

Skyline Plastering

Distributor:

L&W Supply

Sto Products:

StoPowerwall® ci

Sto Corp.'s StoPowerwall® ci Insulates Fisher Nuts Campus

The Fisher Nuts Campus in Elgin, IL was experiencing moisture issues where caulking joints were not maintained and the window/glazing caulking had failed on the 60,000 square foot, nearly 40-year-old building. The owners wanted a traditional stucco system and the most energy efficient stucco system they could buy, according to Josh Boncosky of L&W Supply.

Boncosky met all of his objectives on this Level 4 Remove and Reclad, using StoPowerwall®ci, a stucco system that provides heat, air and moisture management, along with protective and aesthetic elements. This system incorporates StoGuard® air and moisture barrier, Sto DrainScreen, Dow Styrofoam™ XPS insulation, StoPowerwall stucco, and Sto textured finishes and coatings, in this case, Sto Powerflex® Finish & StoColor® Acryl Plus where applicable, into a comprehensive system that supports both green building and moisture protection across all climate zones.

Peter Klyachenko, President of Skyline Plastering, said “it’s an interesting assembly and a brilliant combination of old and new! The finished product is highly impact resistant, and it’s nice to have continuous insulation coupled with a drainage assembly.” The owners wanted the same look of the original building and liked the design flexibility the Sto system had to offer.

The A.R.T. of reStore™



A history of turning inspiration into reality.

Inspiration favors the open mind. With Sto, your creative exploration can take you anywhere. Our proven products give you unmatched freedom and the ability to achieve your vision in any color, any form, any texture, any material.

Now, with The A.R.T. of reStore™, Sto provides a comprehensive solution that focuses on maintenance, repair, and energy improvements that safeguard the long term value of your investment. Whether it requires simple maintenance, or a complete facade restoration, Sto helps you update and repair your building's exterior with any aesthetic that you desire. Follow your inspiration, and Sto will provide everything your building design needs: products, support, services and surfaces.

Creativity Begins. **Sto Finishes.**®





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