



# Restoration News

A Publication of Cathedral Stone Products, Inc.

3rd Quarter 2015

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Unique new stock colors at distributors now.
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Most extensive restoration since the 1940's.
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Same strength as original that's even easier to apply.
- 6 **APT Conference in Kansas City**  
Visit the CSP booth #18 on November 1-5.

## Cathedral Stone Helps Restore Mid-Century Modern New York City Landmark

Designed by Albert C. Ledner, a New Orleans architect, and dedicated in March 1964, the Joseph Curran Building of the National Maritime Union later known as the Edward and Theresa O'Toole Medical Services Building of St. Vincent's Hospital has always been an architectural standout.



*The New York Times* article about the distinctive ship-shaped building that takes up an entire city block on New York City's Seventh Avenue said, that "Mr. Ledner fancifully evoked seafaring themes in his commission for the National Maritime Union. The portholes are well known. Other nice touches include a rooftop elevator bulkhead reminiscent of a steamship's smokestack. Joseph Curran, the union president, whose luxurious office occupied the ship's bridge on the sixth-floor penthouse, described the building as 'the box in which the Guggenheim Museum came.' Through the use of deep steel girders cantilevered from a thick concrete wall near the rear of the building, Mr. Ledner was able to convey the impression that the upper floors were floating above two circular hiring halls at ground level."

Unfortunately, just seven years ago, this unique mid-century classic landmark was slated for demolition by then-owner St. Vincent's Hospital. The good news is that in 2010, St. Vincent's closed before it could put its plans into effect and North Shore-Long Island Jewish Health System stepped in to restore the building as a new emergency room and medical care center.

Thanks to CANY Architecture + Engineering DPC, Cathedral Stone Products, Inc.'s masonry restoration systems were specified to help bring the building back to its former glory.

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## President's Letter



During the busy summer construction season, I have had the great opportunity to visit jobsites where Cathedral Stone masonry restoration systems are being used. It afforded me the chance to see how our products are performing on the job and gain valuable feedback from our customers. Cathedral Stone is always looking to stay at the forefront of the masonry restoration industry and will be using this feedback to improve our customer service and generate new products to meet new challenges.

With the season drawing to a close, it is not too early to start preparing your company for the next construction season. Now is a great time to send masonry sample for color matching or inquire about how our systems could be used on an upcoming restoration project. Also the winter months are a good time to get certified. We are providing multiple JAHN certification opportunities, including one on October 19th through the 21st. We are also planning to provide localized training in New York, Boston, and Chicago this winter. If you are interested in attending, please contact your area sales representative for details. You can also schedule onsite training for your for your company, by calling us at (410) 782-9150.

Best regards,  
*Dennis Rude*

## CSP Introduces Boston and Chicago City Colors

When it comes to masonry, every city has its distinct colors which is why Cathedral Stone Products has developed unique stock colors for Boston and Chicago masonry restoration projects that are now available at our local distributors. Marketed under the name of Cathedral Stone City Colors, these masonry restoration systems have been met with considerable fanfare in Boston and Chicago and have already been used on projects in both cities.

In Boston, Waldo Brothers Company, along with Cathedral Stone's regional sales team, Mike Harris and Barry Cullen, have been hosting "counter days" to educate customers about the benefits of our products and the new colors available in stock. Jorge Perez, an inside sales representative from Waldo Brothers, has



also been promoting and assisting customers with the new stock colors.

In Chicago, Cathedral Stone sales representative Bob Skogh has been working with Henry Frerk Sons Inc. to market colors specific to the region. He will also be hosting JAHN training classes there on December 8 and 9 and December 10 and 11. Please contact Bob Skogh at 630-770-3571 if you are interested in attending classes or need more information about our new City Colors masonry restoration systems. ■

## Historic South Side Water Purification Plant Perfectly Patched With JAHN M70



The South Side Water Purification Plant, located on the shores of Lake Michigan, is a facility owned by the city of Chicago and responsible for pumping on average 387 million gallons of water daily for the city and the surrounding suburbs. The plant draws its water from intake cribs located 2-2½ miles off the shore, and purifies the water before sending it to pumping stations. The Plant started construction in the 1930's, however The Great Depression delayed completion until 1947. This was the largest water purification facility in the world until Chicago opened the James W. Jardine Water Purification Plant in 1964. The plant was built with a large limestone exterior consisting of approximately 2' by 4' panels. The South Side Water Purification Plant is noted for its age, size, and quality of water. It is currently up for designation as a historic landmark. For this reason, a repair to the limestone panels had to be done correctly.

Cathedral Stone Products' JAHN M70 Limestone Restoration System is currently being used for the repair for the South Side Water Purification Plant restoration project. The patch on the structure range in depth from 1" to as deep as 5" to 6". Bid documents indicated 315 square feet of patching but the scope of work enlarged significantly once the contractor started sounding out the panels. The JAHN M70 Limestone Restoration System was chosen for its multiple benefits including: custom colored mortar to match the original color, being



*JAHN M70 is being used on the West Elevation of the South Side Water Purification Plant. The mortar was chosen for its ability to replicate the building's "Shot-Shaw" texture and for structural compatibility*

able to match the original "Shot-Sawn" surface texture, ability to patch an entire area in one lift, and the consistent results JAHN has experienced on previous jobs.

On this project Cathedral Stone Products' Chicago area Sales Representative Bob Skogh worked extensively with Simon Leverett, a Field Specialist for Cathedral Stone Products distributor Henry Frerk Sons. Simon played an important role with color selection, mock up submittal, and working with the contractor to create the patching finish to resemble the existing Shot-Sawn texture. This job will also be using our JAHN M90 Concrete Restoration System with a stock Chicago color. Currently Henry Frerk and sons are stocking JAHN colors that are designed to replicate the masonry in the Chicago area. Please stop by your Chicago area JAHN distributor for more details. ■

## St. Patrick's Cathedral Spruced Up in Time for Pope's Visit.

When Pope Francis visited St. Patrick's Cathedral in New York, he saw more than one of the country's best known churches, he saw the wonders of what Cathedral Stone Product's Masonry Restoration Mortar, Cleaning and Stripping Systems can do.

The cathedral restoration project was officially announced on St. Patrick's Day 2012 and got started soon after. The project required the entire exterior to be covered in scaffolding, all the way to the top of the two 330-foot-tall spires which allowed contractors to clean off decades of grime with the help of Cathedral Stone's Masonry Cleaning Systems. Other systems used in the restoration included Cathedral Stone's Masonry Stripping System, JAHN M120 Marble Restoration Mortar System and JAHN M70 Custom Limestone Restoration System. The total price of the Cathedral's restoration was \$175 million. This restoration was the most extensive since the 1940s. ■



## CSP Helps Restore Mid-Century Modern New York City Landmark

*Continued from page 1*

Building envelope restoration contractor, Skyline Restoration Inc. used the Cathedral Stone JAHN M60 Stucco Restoration System on the rear and side façades of the building as well as the Cathedral Stone JAHN M90 Concrete Restoration System to address the major rebar failures in the structure's precast panels, while the Cathedral Stone JAHN M31-40 System was used for masonry injection stabilization grouting and crack filling.

"We were originally commissioned to do a full stucco restoration on the building, but after detailed examination of the conditions we determined that we could simply patch the original substrate with the JAHN M60 product," said Jasen Geraghty of Skyline Restoration.

"JAHN is not only a preferred material of the New York City Landmarks Commission, it is also a very easy material to work with," continued Geraghty. "We can apply it without additional pins or reinforcement. We use it on a lot of our jobs. We probably employ more JAHN Application-Certified mechanics than any other exterior restoration company on the east coast."

With the removal of the one-inch-square tiles that had been applied in 1966, the O'Toole Building's

newly restored concrete façade owes its glowing white surface to 890 gallons of Cathedral Stone's high quality Potassium Silicate Coating System. This was one of the larger scale coating projects CSP has been a part of to date.

The total project cost was estimated at \$125 million and included a 20 percent income tax credit for the rehabilitation of qualifying properties according to federal standards. The architects were Perkins Eastman. Turner Construction Company was the general contractor.

In 1964, architecture critic Ada Louise Huxtable wrote, "There is no reason why the [National Maritime Union] could not have ... added another cheap, dull, routine box with a shiny facade and a big sign to the New York scene...It decided, instead, to go for architecture. Whatever reservations may be held, New York needs more of those decisions."

Cathedral Stone Products, Inc. is extremely proud to have been a part of the restoration and preservation of this architecturally significant New York City landmark for generations to come. ■

## Training Schedule

Get an education in scientific masonry restoration.

### Jahn Restoration Training Workshops

Three-day Jahn Restoration Training Workshops introduce traditional methods of masonry repair using Jahn Restoration Mortars. Architects can receive AIA/CEU credits upon request. Certification by successfully completing the Jahn Restoration Workshop is necessary to purchase Jahn Restoration Mortars M70, M100, M120, and M160.

#### October 19-21, 2015

Cathedral Stone Products, Inc.  
7266 Park Circle Dr.  
Hanover, MD 21076

#### January 25-27, 2016

Cathedral Stone Products, Inc.  
7266 Park Circle Dr.  
Hanover, MD 21076

#### March 7-9, 2016

Cathedral Stone Products, Inc.  
7266 Park Circle Dr.  
Hanover, MD 21076

Cathedral Stone will also be offering two day regional classes in the Chicago, Boston, and New York areas. Please contact your local sales representative for more dates and details.

#### December 8 – 9, 2015

Henry Frerk Sons Inc.  
3135 West Belmont Ave.  
Chicago, IL 60618

#### December 10-11, 2015

Henry Frerk Sons Inc.  
3135 West Belmont Ave.  
Chicago, IL 60618

Visit [www.cathedralstone.com/training](http://www.cathedralstone.com/training) to register today.

## Chemist's Corner



### CSP Introduces New Spray-able Paint Stripping System

Cathedral Stone has recently developed a new version of our S 301 Paint Stripping System that can now be applied with a commercial grade paint sprayer. (Visit our website for more information on the type of sprayer required.) This new version, which is being sold as S 301S (S for sprayer



compatible) has the same strength and qualities of our original paint stripper, however it has a thinner consistency. Cathedral Stone Products will continue to manufacture our current formula for ap-

plication on vertical surfaces on which the product can not be sprayed but rather must be applied with a trowel or brush. The choice between the two stripping systems depends solely on the contractor's preferred method of application.

### Epochrome S makes color-blending joints easier

To solve the problem of blending in freshly made joints with the older adjacent mortar, Cathedral Stone Products custom-manufactures Epochrome S in our laboratory. This product deposits colorants to modify the appearance of cured restoration and pointing mortars. It is specially formulated so that it will not react with the surrounding masonry, so it won't stain the building. As with every masonry restoration system we make, Epochrome S is breathable, and 100% compatible with our Jahn Mortars by allowing trapped salts and moisture to escape. Due to the chemicals involved with the product, it is manufactured to order in our laboratory and must be used within two weeks. ■

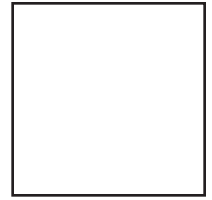
*Got a question for the Chemist? Email Vincent Downs at [info@cathedralstone.com](mailto:info@cathedralstone.com) and put Chemist in the subject line.*



# Cathedral Stone Products, Inc.

*The leader in scientific masonry restoration*

7266 Park Circle Drive  
Hanover, MD 21076



## Upcoming Events

Please join us at the following conferences, trade shows & seminars.

**Baltimore, MD**  
**OCTOBER 9, 2015**

**American Institute of  
Architects Baltimore  
2015 Design Excellence  
Awards Celebration**

CSP is proud to have been a Foundation Sponsor of this annual event which promotes and publicizes the work of AIA Baltimore members throughout the region.



**Kansas City, MO**  
**NOVEMBER 1 – 5, 2015**

**APT Conference –  
Convergence of People and Place: Diverse  
Preservation Technologies and Practices**

APT Kansas City 2015 will explore the interface of diverse technologies and how this evolves the modern practice of heritage conservation. Come by and visit Cathedral Stone Products at Booth #18 to say hello and see what's new.

*The Baltimore Club  
1228 Baltimore Ave  
Kansas City, MO 64105*

