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NEWS FOR EVERYONE WHO DESIGNS, BUILDS, MAINTAINS, OR OWNS CONCRETE FLOORS

A Publication of The MJA Company, Serving New York Since 1988

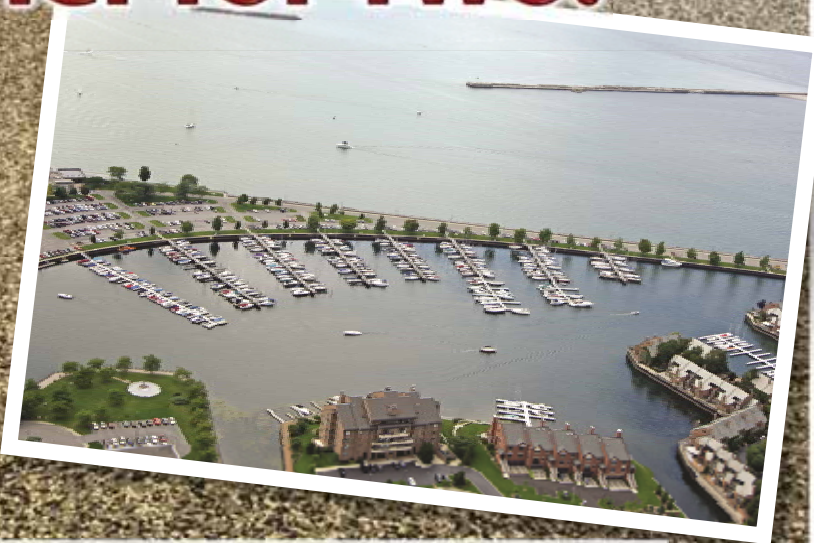


UV COATINGS  
The quick cure for your coating problem

Win Dinner for Two!

Name This Place

Just tell us what WNY attraction is pictured in the photo at the right for your chance to win a \$100 gift card to be used at the restaurant of your choice.



Enter to win at [www.themjacompany.com/promo](http://www.themjacompany.com/promo)

Contest ends March 31, 2020

Previous Answer & Winner

Answer to the contest in the last newsletter: Albright-Knox Art Gallery  
Previous winner: Eleanor A. of Fontanese Folts Aubrecht Ernst Architects

No purchase necessary. Must be at least 18 years of age and a legal resident of US to enter.

What is UV curing?

Cure times for resinous coatings have frequently been a problem for customers that need to have a floor rehabilitated. Shutting down a floor for the length of time necessary for the curing of a resinous coating on heavily trafficked floors of industrial, manufacturing, health care, food service, retail, and other commercial operations is often just not feasible. Finding a solution to the problem of how to protect the concrete while also meeting the demands of the facility has been a real dilemma. The question is: how do you solve this problem?

The solution comes from a coating system developed by DiamoProSystems that is cured with UV light. The DiamoPro UV-HSPlus coating system cures instantly under ultraviolet light, virtually eliminating downtime for curing. This clears a major hurdle for companies that cannot shut an area down for a long time but want to rehabilitate their floor and need the protection of a coating system. Of course, the coating system must have characteristics that meet the demands of heavily trafficked floors.

Characteristics of DiamoPro UV-HSPlus

The UV-HS Plus is extremely **durable**; it is three times more durable than standard chemically cured epoxy or urethane. It is highly **resistant to abrasion** and it is ideal for heavily trafficked floors in a variety of settings.

Along with its excellent abrasion resistance, UV-HS Plus outperforms many other coatings for **chemical resistance**. Once cured, the system shows no signs of deterioration after a minimum of 12 hours exposure to a variety of chemicals including bleach, vinegar, gasoline, hydrochloric acid, and Skydrol®, one of the most caustic chemicals for concrete. Not only does the UV-HSPlus protect the concrete from attack, it also provides an **aesthetically appealing and safe surface**.

The surface shines long after the coating is put in place, resulting in a **brighter, reflective surface**. Even with this shine, the surface coating exceeds the National Floor Safety Institute's standards for slip co-efficient of friction. In addition, if the surface has areas that are continuously wet and additional traction is required, a blended aluminum oxide aggregate can be added during the application process prior to curing, resulting in a **safer wet walking surface**.

One other surface property that is unique to the DiamoPro UV-HSPlus system is its **antimicrobial properties**. Microban is an EPA-registered (Environmental Protection Agency) antimicrobial technology that is integrated into the UV-HS Plus to ensure an added level of protection against stains and odor causing bacteria at the surface. Microban inhibits the growth of microorganisms by penetrating the cell wall and disrupting biochemical functions, eliminating the ability for the cells to reproduce.

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What about VOCs and Maintenance?

Along with these important characteristics there are two last considerations. The first thing to consider is a concern that always comes up during the application process: emission of volatile organic compounds (VOCs). The UV-HSPlus UV cured system has **very low VOC content**. The number of VOCs is far below state and federal required limits. There are no lingering odors or adverse health effects from the UV cured coating.

The second consideration is the ease of maintenance after the coating is in place. A UV-HSPlus coated floor is exceptionally **easy to maintain**. Only routine sweeping and either mopping or cleaning with an auto floor scrubber is necessary. Cleaning agents may be selected according to the contaminants to be removed and will not compromise the coating.

Diamapro UV-HSPlus offers exceptional abrasion resistance, chemical resistance, service life and ease of maintenance. It can be cured instantly upon exposure to ultraviolet light and can be applied with minimal interruption of service during remodeling or restoration projects.

Learn more about our technology

If you are interested in obtaining more information about Diamapro systems or would like to sign up to attend our AIA Credit Lunch and Learn program including a live demonstration of the Diampro System product installation, please contact us at [info@themjaco.com](mailto:info@themjaco.com) or call us at **716-831-7091**.



Completed floor coating using Diamapro UV-HSPlus



Salamanca Senior High School Expansion

Salamanca, NY

9,550 sq ft of polished concrete

Description

After the initial grinding steps were completed, decorative saw cuts were made to delineate between colors. Control joints were filled with color matched material to further enhance the look. The surface was then honed to 200 grit before the three colors of dye were installed. A hardener was applied to strengthen the surface and lock the dyes into the concrete. The final steps of polishing were completed using 400 grit and 800 grit diamond tools. A guard was then applied and bur-nished onto the surface.

Completed November 2019



THE MJA COMPANY EARNS DIAMAPRO SYSTEMS DESIGNATION AS A

 FIVE DIAMOND INSTALLER 

The MJA Company has completed training and certification to be a Diamapro Systems **Five Diamond Installer**.



Training program in Charlotte, NC - November 2019

What does this mean?

Diamapro Systems Five Diamond Installers are contractors specifically trained and certified in the use of Diamapro equipment, tooling and concrete treatment products ranging from equipment, to HEPA dust collection systems, to diamonds and abrasives, to such products as Diamapro UV-HS, Diamapro TLC and Diamapro ESD.

These companies have taken part in introductory seminars and hands-on training sessions to receive certification, and also receive recurrent annual training in the use of new Diamapro products as they are introduced. Diamapro Five Diamond Installers represent the top 20 percent of concrete resurfacing contractors throughout the industry.

Comprehensive Capabilities

Diamapro Five Diamond Installers provide a comprehensive range of concrete refurbishing services in accordance with Diamapro specifications, from hybrid polishing to grinding/polishing with urethane protection. In addition, Five Diamond Installers provide support services that include:

- Pre-installation conference, tour, & inspection of work area
- Sample installation of a 10'x10' area
- Certified supervisor on site during application
- Quality control testing for static and dynamic coefficient of friction
- Floor moisture testing
- Recommendations for routine and long-term maintenance

Product Expertise

Diamapro Five Diamond Installers have complete proficiency in the application of Diamapro concrete treatment products, including Diamapro Hard, Diamapro Guard, Diamapro Grout, Diamapro Joint Fill, stain and water protectants, dyes and colorants (Diamapro Stain, Diamapro TLC) , line striping, and UV-HS Plus cured urethanes with antimicrobial additives.



Safety and Versatility

Five Diamond Installers are capable of managing any sized project in applications, including environmentally sensitive hospitals and labs, 24/7 commercial operations, electronic ESD floors, and wear-intensive industrial and warehousing sites. Installers are well versed in all regulatory safety requirements, and authorized to log any warranted jobs.

ARCHITECT AND ENGINEER DEMO DAY

LUNCH & LEARN – AIA CREDIT

 PLEASE JOIN US ON 

April 7, 2020

We will have Diamapro Systems materials demonstrated and installed on our shop floor and also provide AIA credits for a Lunch and Learn presentation.

Call or email to register.  
Spots are limited, first come first serve.

716-831-7091 | [info@themjaco.com](mailto:info@themjaco.com)