



Waterproof & Protective
Coatings

Concrete Restoration

Moisture Vapor Mitigation &
Self-Leveling Underlayments
& Toppings

Injection Grouting

2019 Continuing Education Learning Opportunities



AIA
Continuing
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Provider

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2020 Continuing Education Topics

The following Aquafin courses are eligible for AIA Continuing Education credits.

What Lurks Under your Floors?

There are many reasons flooring systems fail and moisture is one of the biggest culprits. This presentation will teach design professionals how excess moisture in concrete slabs can lead to flooring system failures. It also covers methods for testing concrete slabs prior to the installation of flooring systems, and presents potential solutions to prevent flooring system failures due to moisture.

- Understand how flooring systems can be negatively affected by excess moisture in concrete slabs.
- Understand ASTM test methods available for testing concrete slabs.
- Identify where excess moisture in concrete slabs originates.
- Identify possible solutions for mitigating excess moisture in concrete slabs to ensure successful installation of flooring solutions.



Basics of Concrete Restoration & Repair

This program reviews the constituents of concrete and walks you through the concrete restoration process: evaluating current conditions and damage to the concrete, proper surface preparation, and choosing the proper materials and methods to repair and restore cast-in-place concrete.

- Identify the root causes of concrete deterioration and the effect of carbonation and chlorides on reinforcing steel.
- Learn how to create a restoration process: pre-testing requirements, material selection and application methods.
- Learn how to select proper and effective concrete surface preparation methods based on industry guidelines.
- Gain an understanding of the various methods of application available to repair and restore cast-in-place concrete.



Stopping Water with Chemical Grouts

Water always tends to flow from higher to lower elevations. The amount of water in any given area is a function of the available supply. Groundwater can move under pressure around rocks and through soils creating what seems to be an endless supply to underground structures and tunnels. This presentation will show how chemical grouts have been used successfully to provide soil stabilization and water control during excavation, tunneling and a large variety of construction challenges.

- Understand the what, why and where of chemical injection grouting.
- Understand how to assess the repair site and select a method of repair.
- Identify and assess the qualities of the various types of available chemical grouts.
- Understand how to select the proper type of polyurethane or acrylate chemical grout that will match the specific needs of a project.



Rapid Concrete Repair Technology

“Return to Service” and the “Need for Speed” are a main focus in today’s fast-paced construction industry. This presentation will address the requirements of Rapid Concrete Repair Technology for the construction industry.

- Explore the need for advanced, high-performance, rapid-repair technology in today’s structures and facilities (e.g. buildings, roads and bridges).
- Review and understand some of the most challenging infrastructure repair problems in the country.
- Review and understand the need for rapid return to service of concrete repair in the U.S. Military, State’s DOT, Port Authorities, commercial maintenance companies, airports, and industrial facilities.
- Understand how to create a restoration process to include pre-testing requirements, material selection, application methods and the effect of the environment on the repair process.



High Performance Traffic Coating Systems

When a parking garage is shut down, it costs the owner valuable income. Sealing a concrete parking deck is essential to the longevity and durability of the structure. This presentation will teach design professionals how excess moisture in concrete decks can cause premature failures and the need for costly repairs. Presented are methods for testing concrete slabs prior to the installation of a membrane system, how to choose the right technology for protecting the parking deck and what to expect from a proper installation.

- Understand how to evaluate the negative effects of excess moisture in concrete on traffic deck systems.
- Understand the need for concrete repair and pre-testing of concrete decks prior to the installation of traffic coatings.
- Understand how to save the owner money with chemical cure systems for fast return to service.
- Understand how to repair and restore concrete decks, mitigate excess moisture, and choose the most cost effective traffic coating system.



AQUAFIN provides high performance waterproofing and protective coatings, crystalline admixtures, concrete restoration systems, moisture vapor mitigation resins, self-leveling underlayments, chemical injection grouts and a high performance traffic deck system to protect and preserve all types of concrete, masonry and brick structures.

AQUAFIN is committed to bringing customers:

- Innovative products of outstanding quality
- Continuous product improvement through research and development
- Top-quality technical assistance, customer service and educational programs
- Product safety and environmental compatibility



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