

# WATERPROOFING, CRACK ISOLATION, AND PERMEATION...

## What Every Architect and Spec-Writer Needs to Know

Identify the causes of Waterproofing, Crack Isolation, and Vapor Permeation failures, and what you can do to prevent them.

Hear about recent trends and examine new industry standards that will influence the way you design and specify waterproofing and crack isolation for ceramic tile and stone.

See how a "systems" approach to waterproofing and design elements allow for creativity and ensure reliability.

### WHAT WILL YOU LEARN?

These 1-hour CES HSW approved courses focus on installation methods and interior waterproofing systems that comply with industry guidelines and prevent failures. You will examine moisture/vapor transmission, crack isolation, as well as ancillary design elements that contribute to the success of your waterproofing detail. The real world examples presented are timely, practical, and enable you to effectively implement the knowledge gained.

Dean's hands-on style of partnering, creative experience, and perspective on various Division 9 design issues, make him a vital resource to any conversation regarding ceramic

### AVAILABLE COURSES:

- Why Did The Waterproofing Fail?
- Going Linear: *Linear Shower Drains*
- It's Not All It's Cracked Up to Be: *Crack Isolation*
- 7 Deadly Sins of Waterproofing



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**Director of Architectural Services, Noble Company**

Dean Moilanen is a Division 9 waterproofing, crack isolation, and permeation expert who advised some of the most demanding and prestigious projects in the USA. A 30-veteran of the tile industry, Dean resides in Las Vegas, and his relationship with builders, owners, and architects allow him access to some of the most challenging and compelling design issues in the industry. Dean's extensive career on job-sites gives him a real-world perspective as he has seen firsthand success and failure relating to product selection, installation issues, and sequencing challenges.

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