

Winter Break Week 2026 Commercial Flooring Symposium Abstract

Stone and Tile Failures and How to Avoid Them: An Inspector's Guide to Moisture Issues



Dr. Frederick M. Hueston

When stone or tile fails, moisture is usually at the heart of the problem. Whether it's trapped vapor under a floor, condensation working its way through an exterior wall, or water intrusion from poor detailing, inspectors are often called in to figure out what went wrong and how to prevent it from happening again.

In this symposium, Frederick M. Hueston, a nationally recognized stone and tile forensic expert, will walk inspectors through the most common moisture-related failures he has encountered in the field. You'll see real case studies that illustrate how water can damage substrates, weaken bonds, discolor stone, and trigger efflorescence. More importantly, you'll learn practical methods for identifying the source of the problem, distinguishing between installation errors and environmental factors, and documenting your findings for clients.

This session is designed to give inspectors the insight and tools needed to recognize moisture issues before they turn into expensive disputes. By understanding how moisture moves through stone, grout, thin-set, and concrete, you'll be better equipped to protect clients, provide accurate reports, and recommend effective solutions.

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For more details see the training section at: www.stoneforensics.com

Check out the Stone and Tile Radio Show:

<https://www.spreaker.com/podcast/the-stone-and-tile-show--6441721>

Blog: https://www.youtube.com/channel/UCaXeHDTeUD28j2AJsaNAqTQ?view_as=subscriber

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