



08:00 AM [Welcome, Credits, and Certificates](#)

08:05 AM **Designing for Moisture Control using Stone Wool Insulation**

Course Description As insulation requirements increase, understanding the impact on the overall durability and performance of the enclosure is critical. Stone wool insulation can be used as exterior insulation to assist with moisture management. The high vapor permeance and hydrophobic properties enables increased drying potential and limits risks of moisture related problems. Moisture modelling tools such as WUFI enables designers to make informed decisions on the products used in their assembly. This presentation will showcase results of simulations that demonstrate the impact of different materials when it comes to moisture control. In addition, in-situ case studies will be highlighted that demonstrate the performance of stone wool insulation in exterior applications. Learning Objective 1: Understand moisture control building science fundamentals. Learning Objective 2: Understand how stone wool can be used in exterior wall applications. Learning Objective 3: Make informed decisions about the appropriate rain control and vapor control strategies for wall assemblies. Learning Objective 4: Review in-situ examples of stone wool performance attributes.

Jon Ram
Rockwool Provider #: K269
AIA #:RXNA0520 HSW

09:05 AM **Review of Session Code Process**

09:10 AM **Solving the Concrete Moisture Issue: Commercial, Environmental and Health Benefits of Impermeable Concrete and Permanent Impermeable Repair Materials**

This Program addresses the impact of traditional & impermeable concrete inside & outside the building envelope. It discusses methods to improve durability and consequent sustainability of all concrete applications. It discusses the concrete industries' efforts to lower the carbon footprint. It provides a solution to moisture & flooring problems as well as water and damp-proof concrete. Techniques and materials used to permanently repair concrete are discussed.

Scott Bergsbaken
SPG (Specialty Products Group) Provider #: K540
AIA #:SPGVLMGK4041 HSW

10:10 AM [Break](#)

10:20 AM [Sponsor: QWEB \(Quebec Wood Export Bureau\) - Eli Gould](#)

Eli graduated with one of the first dual Architecture/Forestry degrees from Yale in the early '90s, with a conviction that the two fields would eventually be more linked. After a quarter century, this seems more true and even mainstream, but for many years it was an entrepreneurial effort in the small vertical wood prefab companies he ran in Vermont, and in the automated timber industry where he often consulted. For the last three years, Eli has brought those experiences into a nonprofit market development role for QWEB. When he's not trying to transform the AEC industry into a positive climate force he enjoys small town and organic farm life in Vermont with his family.

10:30 AM

Exterior Tile installations “Tiling the Great Outdoors”

This session will discuss industry standards and guidelines regarding exterior tile installations. Participants will be shown how to plan for a successful installation. They will learn how to specify industry standards that are relevant to exterior installations. Participants will also have a good understanding on how to select proper materials for the job while taking environmental conditions into consideration.

Clayton Peck

MAPEI Corporation Provider #: J163

AIA #:MAP054 HSW

01:30 PM

End

