



# BARRIER ONE INCORPORATED

HIGH PERFORMANCE CONCRETE ADMIXTURE



## The American Institute of Architects Continuing Education Systems AIA/CES Registered Provider Program Summary Handout

Provider: **Barrier One, Inc.**

2014 Program: **REMOVING CONCRETE MOISTURE FROM THE CONSTRUCTION PROCESS**

Length: **60 Minutes**

Credits: **1 LU Hour**

HSW: **Yes**

Provider Number: **40107411**

Program Number: **B122**

Description: **This course will provide an in depth examination of the inability of new construction projects to get their concrete slabs to pass flooring and roofing field moisture testing guidelines, which has reached epidemic proportions. This billion dollar plus a year problem is due to unanticipated project delays and the inevitable use of an expensive, disruptive, time consuming, topically applied, moisture mitigation systems. The root cause is embedded in the flawed process of reliance on field moisture testing to accurately predict a successful flooring/roofing installation, the mistaken belief that a “warranty” for moisture is provided, the fundamental misunderstanding of concrete drying times and where the liability for moisture vapor emission lies. . This program reviews the magnitude of the problem, discusses the various causes, and offers proactive solutions that enable project teams to remove concrete moisture from the construction process effectively, efficiently and with liability truly mitigated.**

Learning Objectives: **After completion of this course, participants will:**

- **Understand that new construction concrete slabs will NOT pass the current moisture requirements for flooring or roofing materials within today’s compressed construction schedules**
- **Understand the negative impact of the current design process embedded in the 09 Division Specification**
- **Understand that no field moisture test shifts liability for moisture related slab covering issues from the project team**
- **Understand that there is no warranty for moisture based on field moisture tests; that moisture is explicitly excluded**
- **Be able to identify all sources of moisture that impact the construction process**
- **Be able to identify strategies to fully mitigate liability from the owner and project team with respect to concrete moisture, impacted project budgets/timelines, and future flooring failures**
- **Be able to transform traditionally unpredictable project activities, such as flooring installation and subsequent flooring performance into controlled and known aspects**

How Taught: **The CES facilitator utilizes a PowerPoint presentation to provide an in-depth overview of the methodology of proactive moisture vapor remediation. It will be an interactive session that encourages feedback and questions.**

A/V Needs: **Electrical power and screen for the Power Point slide presentation. The CES facilitator will supply the laptop and projector.**

Target Audience: **This program is perfectly suitable for architects, specifiers, structural engineers, general contractors, owners and other design professionals. It is in-depth, scholarly and meets the needs of professionals at every experience level.**

Facilitator Qualifications: **All Barrier One CES facilitators have been trained on CES guidelines and presentation skills. In addition, they are involved in day-to-day issues involving this topic and are considered industry experts.**

Costs: **There is no cost to bring this program into your firm or chapter meeting.**

BELOW IS YOUR BARRIER ONE CONTACT INFORMATION:

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