

Concrete Enhancement Technology that Works for Construction Projects

Provider: Barrier One Concrete Admixtures

Program Number: BOA-300      Provider Number: 40107411

Length: 60 Minutes      Credits: 1 LU Hour      HSW: Yes

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## Description

- This course provides an in depth examination of the epidemic issue of new construction concrete slabs not being able to pass flooring and roofing field moisture testing guidelines in today's compressed building cycle.
- The ramification of such equates to an additional and often unbudgeted billion dollars plus a year being spent on expensive, disruptive, and time consuming moisture mitigation systems.
- The root cause is embedded in the current flawed process for assessing slab moisture prior to final slab covering and is entrenched by the mistaken beliefs that, (1) new slabs can actually pass such tests within the construction schedule and (2), should the slabs pass that a warranty against a future moisture failure will convey.
- 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

1. Be able to identify all sources of moisture that impact the construction process
2. Be able to transform traditionally unpredictable project activities, such as flooring installation and subsequent flooring performance into controlled and known aspects
3. Understand that new construction concrete slabs will NOT pass the current moisture requirements for flooring or roofing materials within today's compressed construction schedules
4. Understand that there is no warranty for moisture based on field moisture tests; that moisture is explicitly excluded
5. Be able to identify strategies to fully mitigate concrete moisture, impacted project budgets/timelines, and future flooring failures
6. Understand the negative impact of the current design process