MVRA 900:

Formulated to react with the hydroxide ions produced by the cement hydration process. In doing so, this creates additional hydration products within the capillary pores and blocks them, effectively shutting down moisture vapor movement through the concrete.

- **ASTM C494 compliant**
- **Published HPD**
- **Qualifies for LEED MR Option 2: Material Ingredient Optimization**
- **Manufacturing facility has 3 plus decades producing specialty chemical admixtures**
- **Made only with deionized water**
- **Less shrinkage**
- **Early strength gain**
- **Limited lifetime moisture failure warranty**
- **Adhesion warranty**

ISE Logik INDUSTRIES

14231 Seaway Road
Suite 1003
Gulfport, MS 39503
877.549.5159

Dean E. Craft
decraft@iselogik.com

David P. Seland
dpseland@iselogik.com

ISE Logik INDUSTRIES

MVRA 900

the most proactive and operationally supportable moisture vapor reduction admixture (MVRA) available today, and a true value add to the concrete and general contracting industries.

MVRA 900: the "evolved equivalent"

www.iselogik.com

THE PROBLEM

Concrete substrate moisture is and has been a top concern for the design/build community for years, and is now a ***multi-billion dollar annual problem*** due to project schedule delays and disruptions to businesses and institutions.

The problem resides in the fact that almost all types of flooring, roofing and coatings such as modular carpeting, broadloom, VCT, resinous coatings, sheet vinyl and even high performance epoxies are subjected to similar pre-installation moisture test protocols.

Yet numerous publications since at least 2006 clearly state that in most cases field concrete slabs for a new project do not have the time or suitable drying conditions to meet the established limits. And when the concrete fails, very expensive topically applied moisture mitigation systems are seen as necessary to maintain warranty requirements.

FACTS

- For field concrete moisture tests to be conducted, the concrete slab and the ambient space shall be at service temperature and humidity; *in most cases projects cannot provide these conditions*
- Current requirements are 3 tests for the first 1000 s.f. and 1 test per 1000 s.f. after; *costing upwards of 25 cents per s.f. and several days if not weeks*
- Results are only valid at the time of test
- Flooring, coating and roofing manufacturers warranty against manufacturing defect only; and *NOT substrate moisture*
- *New slabs most likely will fail!!!*

FICTION

- Specifying field moisture tests prior to installation protects the project general contractor and owner; *not true*.
- Passing the test protects the owner from future substrate moisture issues; *not true*.
- Manufacturers will not issue initial warranty unless tests are passed; *not true*.

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REALITY

Projects believe that new concrete can pass moisture tests within their schedule and that warranties for future moisture will convey; none of this is so. And when the tests fail, the cost to address runs $5 to $8 per s.f. and more and can take weeks to address. THIS is why $billions are being spent annually. MVRA 900 dosed concrete prevents this.

Moisture Vapor Reduction Admixtures (MVRA) have been used for decades with great success for a tenth of the cost of topical systems; and MVRA 900 is the "evolved equivalent" of all the others. MVRA 900 enables the ready mix supplier to deliver a proven, proactive, cost-effective solution to *each and every project* that completely addresses the issue of lost time and money on failed moisture tests, and the subsequent exorbitant expense for topical mitigation systems. MVRA 900: today's "value add" for all new slabs, walls & roof decks.