

## **MOISTURE VAPOR SEMINAR AGENDA**

### **THE PROBLEM**

- How does concrete design, placement, cure, and permeability relate to vapor drive?
- What are concrete vapor emission characteristics (the damage potential)?
- What are the mechanisms influencing vapor emission?
- What are the ancillary sources of consequential moisture?
- Why do renovated surfaces fail with or without vapor retarders(barriers)?
- In what way could vapor emission contribute to indoor air quality issues (IAQ)?

### **THE MEASUREMENT**

- What are the requisites for moisture measurement and why understand them?
- What are the typically applied tests versus meaningful moisture tests?
- What stand do manufacturers say relating to finish schedules, testing, and vapor emission? What tests are useful and why is more than one kind preferred?
- What do we mean by a quantitative, objective, dynamic test - should this testing become part of your critical path? What ASTM standard is out there for these tests?
- Why test at all? What are the legal liabilities involved with specifications and the documentation of various data prior to installation?

### **THE OPTION FOR REPAIR**

- Are design criteria important? What will resolve a moisture vapor emission control in the design stages rather than at finish schedule time?
- What are standards for determining reliable companies that truly correct the conditions of excessive moisture vapor emission at the finish schedule time?

### **THE LIABILITY**

- Lesson Learned - what are the REAL values associated with flooring failure?
- Warranties - value-based coverage and exclusions; are you really sheltered?
- What are the designer and contractual party's liabilities associated with these failures?
- "Sick Building Syndrome" and "Indoor Air Quality" - What are the consequences, liabilities, and characteristics with respect to concrete vapor emission?