

Troubleshooting Concrete Floor Problems

ONE DAY, 7.5 HOURS

Learn to avoid or solve common problems

Program Content:

■ Moisture-Related Problems

Symptoms: Moisture-sensitive flooring failures and air quality issues (mold)
Flooring failure causes (moisture and high pH)
Moisture sources in concrete
External moisture sources
Testing for moisture
Avoiding moisture problems
Dealing with moisture problems

■ Slab Curling

Design for reduced curling
Evaluating curling problems
Remediating curled slabs

■ Tolerance Issues

Division 3 versus Division 9 floor flatness tolerances
Slab-on-ground tolerances
Elevated slab tolerances
Low-spots (birdbaths)

■ Delaminations and Blisters

Design and construction factors related to surface delaminations
Balancing risk between freezing-and-thawing damage and delamination
Minimizing the probability of delaminations with job site controls

Who should attend:

Contractors, design engineers, specifiers, government agencies, and material suppliers

Instructors:

Jerry A. Holland, W. Calvin McCall, and Bruce A. Suprenant. For more detailed information on the faculty, go to www.concreteseminars.com.

Seminar handouts:

Industry related documents—available only from ACI

