

FORTA[®] Corporation, the leader and pioneer of synthetic fiber reinforcement for concrete, recently released a Synthetic Fiber Reinforcement seminar designed for architects, engineers, contractors and owners. The presentation, "High-Fiber Slabs: Extending Joint Spacing" is a follow-up program to the Part 3 Fiber-Floor Philosophy Program, where the shrinkage and curling trials were reported for the Chicago Warehouse Trial Study program. This Part 3b program offers a short summary of the Chicago project and general fiber-floor philosophy, along with additional 'how-to' details where a large-panel floor is the design objective.

PROGRAM: "A Fiber Floor Philosophy II: High-Fiber Slabs- Extending Joint Spacing"

LENGTH: 60 Minutes

CREDIT: One Learning Unit Credit

COST: No charge for qualified groups

LEARNING OBJECTIVES:

- Understand the basic causes of shrinkage and slab curling.
- Learn a 3-part "F-C-P" formula - Fiber, Concrete, and Practice - with important guidelines for each when extending conventional joint spacing.
- Learn fiber parameters for large-panel floors, including the fiber characteristics and dosages required, along with ways to address related nuances such as addition, mixing, pumping, slump, and finishing.
- Learn important shrinkage-reducing adjustments to the concrete, including mix design variables and jobsite-related concrete concerns.
- Learn extensive details regarding required placement practices, such as panel size and shape, load transfer, sawcut parameters, subgrade preparation, and internal restraint.
- Review an extended-joint Safeguard Checklist to help guide project designers, suppliers, and contractors both before and during the project.

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