



American Concrete Institute

38800 Country Club Drive
Farmington Hills, MI 48331 USA
11.248.848.3700
www.concrete.org

Meeting Agenda

ACI 332-F Residential Concrete Slabs

Anaheim / Disneyland Hotel / D-North Hall G

October 17, 2017 / 10:30 AM – 12:00 PM

Mission: Develop and report information on concrete in residential construction.

Active Committee Documents:

- [332-14: Residential Code Requirements for Structural Concrete and Commentary](#)
- [332.1R-06: Guide to Residential Concrete Construction](#)

Subcommittee Chair: Bret Houck

Invited Guests: Harvey Haynes - Presentation

1. Welcome

1.1. New Subcommittee Chair – Bret Houck

1.1.1. Former Chair Joseph S. Balik – Thank you Joe!

2. Where are we in the cycle?

2.1. Guide Document

2.1.1. We submitted the document to TAC

2.1.2. Ballotted 300+ comments

2.1.3. Need to resolve a few more comments at the full committee level

2.1.4. Target – Published by Spring Convention 2018 at the soonest

2.2. Code Document

2.2.1. Submitted to TAC, received 90+ comments back

2.2.2. Need to resolve comments in the full committee

2.2.3. Ballot anything that needs balloting.

2.2.4. Target – Published by Fall Convention 2018 at the soonest

Always advancing

3. Presentation – Technical Note for 224 on Contraction Joints in Residential Slabs

Presenter - Harvey Haynes, Haynes & Associates

4. Code Document - TAC Comments to Discuss:

1.	78	19	E	Should the term be “Fill Lift” instead of “Fill Depth”	Houck/Sub F
2.	79	19	P	(d) Joint depth shall be a minimum of 1/4 the slab thickness for formed or tooled joints, or dry-cut sawed joints in hardened concrete. What is the saw cut depth for a wet-cut saw? Page 82, line 8 refers to a “conventional saw” and an “early-entry saw”. Is the “dry-cut” referring to the “early-entry saw”? Is the “conventional saw” referring to a wet-cut saw? Recommend consistency in the wording and in providing a saw cut depth for all saws.	Houck/Sub F
3.	80	1	P	What should the designer do if the slab is thicker than 5.5 inches? There is no recommendation for contraction joint spacing for a slab thicker than 5.5 inches. On page 79, line 21 it specifies the joint depth for slabs up to 9 inches deep. Recommend adding a sentence that states for thicker slabs, use the maximum joint spacing for the 5.5 inch.	Houck/Sub F
4.	81	3	P	<p>10.6.3 Fiber reinforcement—The dosage rate of synthetic micro fibers used for plastic shrinkage crack control shall be determined by the fiber reinforcing manufacturer or a licensed design professional. The dosage rate of synthetic macro fibers, steel fibers, or both, used to control drying shrinkage cracking and provide post-crack load-carrying capacity in place of or combination with steel reinforcement shall be determined by the fiber reinforcing manufacturer or a licensed design professional.</p> <p>This was not in the previous Code and should be eliminated from this version. The “fiber reinforcing manufacturer” is not equivalent to the “licensed design professional”. If the LDP is required by Code to do this to protect the public then the state licensing laws require that person to do so. Adding the fiber reinforcing manufacture into this provision requires him to</p>	Houck/Sub F

				practice engineering without a license contrary to state licensing laws. Recommend deletion of the fiber reinforcing manufacture from this section.	
5.	81	20	E	Question- Fig 7.3.1a, 7.3.1b show the transition from thickened back to nominal slab thickness at almost a 45 deg. angle. If for example this was a slab edge that was thickened, do we need a comment concerning the joint distance from such a transition since the subgrade restraint can induce (out of joint/uncontrolled) cracking if not detailed properly.	Houck/Sub F

5. Adjournment

The next meeting will be during our 2018 Spring Convention at the Grand America & Little America Hotels in Salt Lake City – Tuesday, March 27th, 2018.