The following ACI documents are, or will soon be, available:

**“Curing Efficiency of Internally Cured Concrete—TechNote (ACI PRC-213.1-24)”**

Reported by ACI Committee 213, Lightweight Aggregate and Concrete


*Member who authored this TechNote.

The committee would like to thank M. Khanzadeh-Moradllo for his contribution to this TechNote.

**Abstract:** This TechNote describes a process for determining equivalent curing durations for concrete made using conventional external curing and internal curing with pre-wetted fine lightweight aggregates in ordinary portland cement (OPC) and supplementary cementitious material (SCM) systems. The criteria presented offer one approach that can be used to determine the duration of external curing that is equivalent to internal curing. This would allow any benefits of using internally cured concrete on construction time to be quantified.

**“Internal Curing Using Prewetted Fine Lightweight Aggregate—TechNote (ACI PRC-213.2-24)”**

Reported by ACI Committee 213, Lightweight Aggregate and Concrete


**Abstract:** This TechNote describes the application of prewetted fine lightweight aggregate in internal curing. Discussions review conditions that suggest the use of internally cured concrete and the associated benefits concerning economy, sustainability, and resilience.

**“Construction of Concrete Shells Using Inflatable Forms—Report (ACI PRC-334.3-24)”**

Reported by Joint ACI-ASCE Committee 334, Concrete Shell Design and Construction


**Abstract:** This report provides information on the construction of structural concrete shells using inflated forms. Major facets of the construction process are covered, including foundations, inflation, monitoring, and backup systems. Other aspects, such as the geometric variations of inflated forms, thickness of polyurethane foam, and mixture proportions for shotcrete, are also considered.

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