



Summer cookouts are back!

<u>Oneonta</u> May 26 – UFP with Kevin Kerr June 9 – BWI with Davie M. & Iko Roofing with Brian S. <u>Port Crane</u> May 19 – CST June 16 -- Unilock

Stop in on Thursdays, from 11:30 a.m. to 1 p.m. for burgers, dogs and all the fixin's. Bring your crew for a free lunch and visit with the vendors. Hope to see you there!



What Does Cylinder Strength Mean to a Producer?



Speaking from experience

When I first owned Gallup Sand and Gravel Co., cylinders were usually left under the trailer for 28 days and then taken to the closest testing facility 140 miles away and tested. Generally they did not make strength, and in some cases, they did. As a result of this improper curing of test cylinders, we started our own testing laboratory, and were able to get it CCRL approved.

As we began making cylinders as a quality control check for the customer, we invested in water-cured boxes like the **intelliCure** made by FLIR Systems. We took it to the job and asked the technicians to make the cylinders and properly do initial curing of the cylinders. As a result we had very few low breaks at 28 days because of the water curing.

The water curing box quickly paid for itself. The ready-mix producer could prove the concrete being shipped to the job was correct, and in return, promote that high quality concrete as a marketing tool.



Next steps

I propose a change to ASTM C 31: that all cylinders be required to be cured immersed in water for the first 24 hours.

Ideally all testing labs should have a temperature-controlled curing box on the jobsite in which to store cylinders for the first 24 to 48 hours.

As we push to have performance-based specifications, I believe the immediately immersed molded specimens with plastic lids in water, saturated with calcium hydroxide, is the ideal way to initially cure concrete. However, in my work we just used tap water. The

computers which batch the concrete are quite precise. The only variable is the testing and initial curing. With this initial curing in water between 60 and 80 degrees F, we can eliminate a lot of problems and meetings over cylinders that don't meet the requirements.

Frank A. Kozeliski | theconcreteproducer.com



New Rules for Pressure Treated Lumber

The American Wood Protection Association (AWPA) passed a proposal to revise its U1 Standard, which describes use cases for pressure treated lumber at different levels of "retention."

Currently, lumber rated for ground contact is typically used for posts and grade beams, while lumber rated for aboveground use is used in the rest of the structure. Under the revised standard, however, ground contact lumber may be needed for some components located above ground, and not just a little bit above ground. Depending on how that language is interpreted once the new standards are adopted, **deck ledgers, some beams, and possibly even joists, railing posts, and railings may all need to be built using treated lumber rated for ground contact**.

The changes are scheduled to become effective with the next update of AWPA's U1 standard, which is expected by early summer of 2016, though enforcement will depend on adoption by the International Residential Code (IRC) and International Building Code (IBC) and by state, local, and municipal building authorities. The revised standard will likely be included in the 2018 IRC and IBC, but local inspectors who are aware of the changes may recommend early compliance.

Pro Remodeler (04/05/16) Alfano, Sal



New Stock Items

in our Oneonta & Port Crane locations



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