TO: PARTIES INTERESTED IN SPRAY-APPLIED FOAM PLASTIC INSULATION


Dear Colleague:

We are aware there is some inconsistency in the way specimens are conditioned for thermal resistance testing under AC377. Depending on how the criteria is interpreted, specimens may be conditioned with or without the skins in place. There is an ongoing industry study to address this issue; but since different approaches are currently being used, we find it necessary to clarify our policy with regard to this issue. (We recognize that our policy may need to be revised when the industry study is completed and results are made available.)

The ICC-ES policy regarding conduct of thermal resistance tests is that the tests must be conducted in accordance with Section 3.6 of AC377, with clarification as follows:

1. Procedures for conditioning of specimens must follow the general requirements of ASTM C1029, except that the specimens may be conditioned with the skins intact.

2. Density of the test specimens must be reported and must be within 10 percent of the nominal density to be recognized in the evaluation report.

3. Reported $R$-values greater than 10 are rounded to the nearest whole number.

This statement of policy will not negatively affect any current ICC-ES evaluation reports. We trust that this clarification will help manufacturers and test laboratories who are preparing for new testing.

Questions should be directed to the undersigned.

Yours very truly,

Michael Beaton, P.E.
Senior Vice President

MB/md