



Koffel associates, inc.

FIRE PROTECTION ENGINEERS • CODE CONSULTANTS

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William E. Koffel, P.E.
President

September 3, 2003

Mr. Gabe Farkas
Icynene, Inc.
6747 Campobello Road
Mississauga, ON L4Z2J1

**RE: EVALUATION OF MODIFIED ROOM CORNER TEST
ICYNENE USED TO INSULATE THE RIM JOIST
KA 02190-004**

Dear Gabe:

As requested, Koffel Associates has reviewed the Omega Point Laboratory tests reports relative to the testing of Icynene® via the Modified *NFPA 265 Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile Wall Coverings* conducted at Omega Point Laboratory during the week of June 9, 2003. NFPA 265 is the same test procedure that was used as a basis for exempting a thermal barrier over polyurethane foam insulation in the 2003 International Residential Code (R314.2.7) and the 2003 International Building Code (2603.4.1.13). Koffel Associates has compared the uninsulated rim joist assembly to the rim joist assembly insulated with Icynene® (nominal 3 ½ inches). The Icynene insulated assembly had a longer time to flame extending out of the enclosure than the uninsulated assembly.

Based on the above referenced test results, it is Koffel Associates professional engineering opinion that the rim joist assembly insulated with Icynene® (nominal 3 ½ inches) performed as well as an uninsulated assembly and neither a thermal barrier nor an ignition barrier would be required.

Sincerely,

Eric N. Mayl, P.E.

Cc: Ed Reeves
Ben Yosipouich