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**Enviro-Safe Foam Insulation
61 Hollywood Drive
Charlton MA
01507**

Re: Protection of Foam Plastic Insulations

To Whom It May Concern:

Section R314.4 of the 2006 IRC describes the requirements for protection of foam plastic insulations from occupied spaces with a 15-minute thermal barrier. Section R314.5.3 of the 2006 IRC describes the requirements for protection of foam plastic insulations in attics and provided that attic space is entered only for service of utilities that protection may be an ignition barrier. The noted ignition barrier however is not required where the foam plastic insulation has been tested in accordance with section R314.6. which describes "specific approvals" such as NFPA 286, FM4880, UL 1040, UL 1715, or fire tests related to actual end-use configurations. Icnene® has tested to SWRI 99-02 (South West Research Institute), a fire test for attics and crawlspaces which represents end-use configurations and has been granted exceptions in an attic or crawlspace as outlined in the ICC-ES report with the following criteria:

Section 4.4.2 ESR 1826-"Application Without a Prescriptive Ignition Barrier: Where The Icnene Insulation System® is installed in an attic or crawl space without a prescriptive ignition barrier, in accordance with Sections 4.4.2.1 through 4.4.2.5, the following conditions apply:

1. Entry to the attic or crawl space is only for service of utilities.
2. There are no interconnected attic or basement areas.
3. Air in the attic or crawlspace is not circulated to other parts of the building.
4. Combustion air is provided in accordance with Section 701.4.2 of the International Mechanical Code.

Section 4.4.2.2 Assembly No. 2: The Icnene Insulation System® is applied to the underside of the roof deck between rafters in attics, and to the underside of the floor deck between floor joists over crawlspaces, to a maximum thickness of 10 inches (254mm) and to vertical wall surfaces, to a maximum thickness of 3 ½ inches (89mm).

In conclusion, provided the conditions of Section 4.4.2 of the ESR 1826 have been met, within an attic or a crawlspace up to 10 inches of Icnene® may be applied to the top surface and up to 3 ½ inches to vertical surfaces and can be left exposed without protection in these areas.

I trust that the content of this letter addresses the current concern and should you require additional assistance or clarification I encourage you to contact me directly.

Best Regards,
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