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Notice of Restrictions On Use of Zythor In Attics Enclosed with Polyurethane Spray Foam Insulation

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While attending the Association of Structural Pest Control Regulatory Officials in August it was brought to our attention that many single-family homes in the south eastern United States were having open and closed cell polyurethane spray foam insulation (PSFI) applied into the unfinished attics to encapsulate the attic. This includes partially or fully covering the ventilation into the attic such as soffits, roof ventilation vents and gable end vents preventing entry of fresh air. This can require an extended active and passive aeration time to clear the structure to the 1 ppm or less in the breathing zone before allowing reentry into the structure.


The concern is that this will prove difficult if not impossible to aerate the attic and bring in fresh outside air after removal of the tarps. This could lead to a reservoir of Zythor that will be difficult to aerate using the currently labeled aeration protocols.

During the meeting the southeastern United States was discussed, but there was some mention that this procedure has potentially been used in additional regions of the United States. For this reason it is essential that any inspection of a home for potential Zythor fumigant use include a thorough inspection of the attic to identify the possibility of the PSFI encapsulation of the attic. In situations where there is a prime contractor/sub-contractor relationship, it is the responsibility of both the prime contractor and the sub-contractor to inspect and determine if a structure can be properly fumigated.

Due to this insulating procedure it is strongly recommended by Ensystex II that Zythor not be used to fumigate any single-family structure or similar structure with attics that are insulated with the polyurethane spray foam insulation as described above.

We will continue to monitor the situation and keep our Zythor users updated. If you have any questions, feel free to contact us at Ensystex.

Sincerely,



Ken Kendall MA; B.C.E.
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