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DATE: January 15, 2015

ATTN: To Whom It May Concern

REF: **POPPING NOISES HEARD IN NEW CONSTRUCTION HOMES**

I am the Engineering Manager for Lawson Industries who oversees the design, testing and certification processes for all Lawson Industries window and door products.

Popping noises in new construction homes, can be attributed to a variety of factors, but are most likely caused by changes in temperature and moisture levels. These cause expansion and contraction of a number of dissimilar materials found in a new home, such as concrete, wood, metal, drywall, nails, screws, brackets, straps, etc.

As all of these materials expand and contract within confined areas at different rates, while exposed to variable temperature and humidity levels. Because of these displacements, there will always be the possibility of the existence of unexpected noises. In the most extreme cases, these can indeed manifest themselves as loud, popping noises.

It should be understood that there is nothing that can be done to reduce these noises, which may occur as a result of changes in the temperature and moisture gradients of the numerous building components, found in a new home. However, with the passage of time as the home has had time to cycle through the seasons, as well as settle and dry out, there should be a reduction or elimination of the noises in question.

Do not hesitate to contact me, should you have any questions.

Sincerely,



Thomas J. Sotos, P.E.

Engineering Manager