

Afternoon Lee,

Please find attached a test report for something that was undertaken by one of our sister companies nearly 10 years ago. Although the test report is 10 years old, the material, frame method manufacturing and glass has not changed in this time.

This reports shows that the window with 4-16-4 glazing but WITHOUT a trickle vents achieves 36dB RW. Adding in a trickle vent we know would reduce the performance by a few decibels but not by any considerable amount.

Trickle vents are tested independently to a window, they are tested under different conditions and therefore they have a different denotation when it comes to the value. Trickle vents are tested to what is known as a DN,E,W rating. This is in decibels but on a different kind of scale.

Because we do not have a dedicated test for a window and trickle vent due to the amount of permutations available between glass and vent options it is not feasible to carry out a test for every kind due to the cost. But we know, based on test information from Saint Gobain that the glass we have proposed (4-14-6) achieves 3dB better than 4-16-4 so you will not have an issue with this meeting your requirements.

Regards

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