

April 2015

***Technical Bulletin, Amvic Insulated Radiant PEX Panel***

Subject: Amvic Insulated PEX panel – Vapour Barrier Canada

To whom it may concern:

The Amvic Insulated Radiant PEX panel has been tested by a third party independent testing Laboratory, QAI Laboratories as per ASTM E96 - E96M -12, Standard test methods for water vapor transmission of materials Procedure A (desiccant method). The test was conducted using both Type 2, 1.5 lbs/ft<sup>3</sup> nominal density and Type 3 2.0 lbs/ft<sup>3</sup> nominal density.

The results of the test are:

Type 2, 1.5 lbs/ft<sup>3</sup>, 23.8 ng/Pa.sm<sup>2</sup>

Type 3, 2.0 lbs/ft<sup>3</sup>, 17.5 ng/Pa.sm<sup>2</sup>

The National Building Code of Canada (NBC) section 9.25.4. Vapour Barriers states

**9.25.4.1 Required Barriers to Vapour Diffusion**

1) Vapour Barriers shall have a Permeance not greater than 60 ng/Pa.sm<sup>2</sup> measured in accordance with ASTM E96 – E 96M, “ Water Vapour Transmission of materials,” using the desiccant method (dry cup).

The Amvic Insulated Radiant PEX panel is considered an approved vapour barrier and no further vapour barrier material is required with the use of this product

Should you have any questions please contact the undersigned.



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