

April 2015

Technical Bulletin, Amvic Insulated Radiant PEX Panel

Subject: Amvic Insulated PEX panel – Vapor Retarder USA

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 II, 1.5 lbs/ft³ nominal density and Type IX 2.0 lbs/ft³ nominal density.

The results of the test are:

Type II, 1.5 lbs/ft³, Permeance (Perms); 0.42

Type IX, 2.0 lbs/ft³, Permeance (Perms) 0.31

Effective with the 2009 IRC there are three vapor Retarder Classes;

Class I: 0.1 Perm or less

Class II 0.1 < Perm ≤ 1.0 Perm

Class III: 1.0 < Perm ≤ 10 Perm

The Amvic Insulated Radiant PEX panel is considered an approved Class II vapour retarder.

Should you have any questions please contact the undersigned.



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