



Phone: (717) 933-1316

INSULATION:

R-Value: 50+ year old standardized ASTM tests do not do justice to the performance of foam products. These tests are designed strictly on a conduction basis and do not fairly or adequately reflect the radiant and convectional aspects of real-life climate issues. 70% + of energy transfer is radiant and the board insulation deals with that very effectively. However, this cannot be reflected in promotional or sales literature. A 3rd party test confirmed that the 5/8" board performed equal to an R19 fiberglass and the 1" board performed equal to an R28 fiberglass in real-life applications.

5/8" – PVR-19

1" – PVR-28

1.5" – PVR-41

Comparing to spray-on foam, this product has the significant advantage of the reflective laminations which deals with the radiant heat flow factor. Spray foam does not. Also, our install process gets insulation behind the framing members as well which under-laps the product between the framing members (columns) to provide a complete seal all around.

We cannot present these figures as ASTM certified, but our extended experience with its use over the years has proven that it does work! If you are dealing with a code requirement application, then you will have to resort to the best we can do under ASTM certifications with the ASTM 1363 test: 1" = R10.3, which, of course, is subject to installation procedures regarding airspace, etc.