



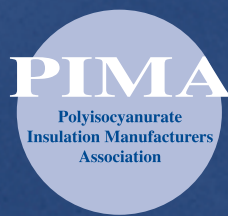
In today's performance-driven construction marketplace, PIMA and its members take pride in setting leading-edge standards for the quality and performance of polyiso insulation.



The **PIMA Quality Mark<sup>CM</sup> Program** has been designed by polyiso manufacturers to be a benchmark against which all roof insulations can be measured. This breakthrough program makes it possible for customers to specify and select a product with a certified thermal value. Building owners, architects and specifiers, engineers and contractors all can now refer to **PIMA Quality Mark<sup>CM</sup>** as the sign of assurance and product confidence.

PIMA (The Polyisocyanurate Insulation Manufacturers Association) is the national trade organization that advances the use of polyiso insulation, North America's most widely used and cost-effective foam insulation. Established in 1990, PIMA comprises manufacturers and marketers of polyiso, as well as the multi-national suppliers to the rigid foam marketplace. Their products account for virtually all of the polyiso insulation used in roofing in North America.

PIMA is dedicated to the education of building owners, architects, roof consultants and roofing contractors regarding environmental responsibility and the critical importance of energy efficient construction.



For more information about the PIMA Quality Mark<sup>CM</sup> Program or the Association, contact us at 515 King Street, Suite 420, Alexandria, VA 22314, 703-684-1136 or visit our Web site at [www.pima.org](http://www.pima.org).



## Certified LTR-Value for Polyiso Insulation

*The Mark of Excellence  
for the Product of Choice*



## What is the PIMA Quality Mark<sup>CM</sup> Program?

The PIMA Quality Mark<sup>CM</sup> Program enables participants to obtain third-party certification for the Long-Term Thermal Resistance (LTTR) values of the permeable-faced polyiso roof insulation they produce.

Based on consensus standards in both the United States and Canada, LTTR is a scientifically supported determination of the 15-year time-weighted average R-value. All PIMA members have adopted the LTTR method as the exclusive means to measure thermal performance of permeable-faced polyiso roof insulation.

## How does the PIMA Quality Mark<sup>CM</sup> Program work?

**Application** Through this voluntary program, all polyiso roof insulation manufacturers can obtain independent third-party certification of the LTTR-values for ASTM C1289 Type II, Class 1 and Class 2 permeable-faced polyiso foam insulation produced with United States Environmental Protection Agency compliant blowing agents.



**Third-Party Certification** To administer the program, PIMA has retained FM Global, one of the world's largest independent commercial and industrial property insurance and risk management organizations. FM Global, or one of its representatives, takes random polyiso insulation samples from each participating manufacturer. An accredited laboratory then applies ASTM International techniques to establish and certify the 15-year LTTR-value of those products. A list of manufacturers and products that have received certification will be listed on the PIMA Web site at [www.pima.org](http://www.pima.org), starting January 1, 2004.

**Verification** The process does not end with initial certification. To assure continued compliance with the stated LTTR-values, each polyiso insulation plant must have a third-party quality assurance program in place and is subject to an unannounced LTTR-value verification.

**Use of the logo** Only those manufacturers whose insulation has been certified for LTTR-values under the PIMA Quality Mark<sup>CM</sup> Program will be allowed to use the PIMA Quality Mark<sup>CM</sup> logo.

## Why buy PIMA Quality Mark<sup>CM</sup> polyiso insulation?

PIMA Quality Mark<sup>CM</sup> polyiso insulation offers something other insulation products do not – the only industry-wide certification program for LTTR-values in the roof insulation industry.

## How can I find PIMA Quality Mark<sup>CM</sup> polyiso insulation?

Only products that have had their LTTR-value certified by PIMA's third-party administrator, FM Global, can bear the PIMA Quality Mark<sup>CM</sup> logo.

**Specify PIMA Quality Mark<sup>CM</sup>** Architects, designers, specifiers, roof consultants and roofing contractors should specify PIMA Quality Mark<sup>CM</sup> certified polyiso insulation for sustainable construction and energy efficient buildings.

**Ask for PIMA Quality Mark<sup>CM</sup>** When purchasing or specifying polyiso insulation, ask for PIMA Quality Mark<sup>CM</sup> certified polyiso insulation.

**Look for the logo.** Products that have met the rigorous LTTR-value certification process will bear the PIMA Quality Mark<sup>CM</sup> logo on their labels and accompanying product literature.

**Click on the PIMA Web site.** Certification is an ongoing process, and PIMA's list of PIMA Quality Mark<sup>CM</sup> LTTR-value certified products is updated regularly and posted at [www.pima.org](http://www.pima.org).

