

# The High R Re-Roof: 4 Billion S.F. of Roof Available Annually to Speed Energy Savings

**A** High R Re-Roof saves money, increases the energy efficiency of a building and reduces carbon emissions. It provides a level of thermal resistance, or R-value, higher than current minimum building code standards and practices require – most high performance building guidelines suggest the level should be up to 50% above the minimum required values. One of the best and simplest ways to achieve this level of energy efficiency is by increasing the levels of insulation on the roof.

## The Re-roofing Market – Over 4 Billion S.F. Annually

The commercial re-roofing market provides a significant multiplier effect to accelerate energy efficiency efforts. For every roof installed on a new building, approximately three additional roofs are installed on existing buildings to replace older, less energy-efficient systems. As a result, the reach of the roofing industry greatly exceeds new commercial construction by a factor of three, accounting for over 4 billion square feet of total commercial roof installations annually. Consequently, including high performance energy initiatives targeted at the existing commercial roofing market can accelerate energy savings much faster than similar initiatives that only target new construction.

## Polyiso Insulation – Highest R-Value per Inch

Polyiso is one of North America's most widely-used and cost-effective insulation products and has been cited by the U.S. Environmental Protection Agency for its responsible impact on the environment. For a High-R Re-Roofing project, it is clearly the product of choice given its many benefits including:

- Highest R-value per inch of thickness
- Moisture resistant, water repellent panel
- Resistant to solvents used in construction adhesives
- Excellent dimensional stability
- Superior performance in fire tests – polyiso meets the strict standard of both FM Class Approvals 1 UL 1256/ULC S126
- Long Term R-value (only roof insulation with third party certification)
- Recycled content
- Zero ozone depletion potential
- Virtually no global warming potential

Insulation, through its consistent and persistent performance, is one of the most important components in a reroofing project when it comes to reducing energy costs and carbon footprint.



  
**POLYISO**<sup>TM</sup>

*The top performer.*

To learn more visit [www.polyiso.org](http://www.polyiso.org).