

INNERGY™

Rigid Thermal Reinforcements

Innovative Thermal Performance 700 Times Better than Aluminum



Window Mart® offers Innergy™ Rigid Thermal Reinforcements when reinforcements are needed in the manufacturing of our premium vinyl windows. Innergy™ offers an innovative, energy-efficient alternative to aluminum reinforcements most commonly used.

Reinforcements are commonly used at specific points in every window such as the interlocking meeting rails, and also at specific thresholds of oversized windows.

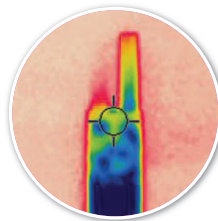
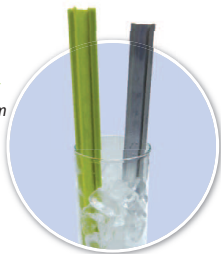
Innergy™ Rigid Thermal Reinforcements are advanced technological inserts designed to slide into window and door chambers for greater support and insulation.

- **Better thermal performance**
Up to 700 times better than aluminum in material-to-material comparisons
- **Better thermal break**
Impervious to cold or heat
- **Better protection against condensation**
Helps prevent staining that can occur with metal reinforcements
- **Better impact testing**
Resistance to impact versus other reinforcement products
- **Better flexibility**
Will not permanently set when impacted

Responsible Manufacturing
for a Better World



Innergy™ and Aluminum
in a 32 degree ice bath



Infrared analysis shows
major conductivity in
aluminum and virtually
none with Innergy™**

* Photos taken after
one hour ice bath

The primary focus of Window Mart's® efforts to promote green building include improved efficiency and reduced impact on the environment and human health.

How do **vinyl** windows and doors fit in?

Numerous studies have proven that vinyl-based building materials are effective and responsible alternatives to other building materials.



ENVIRONMENTAL ADVANTAGES

- **Energy efficient**
Vinyl windows require 1/3 less energy to produce than aluminum and steel windows.
- **Reduces waste**
More than 99% of all vinyl ends up in the finished products.
- **Thermal performance**
Window frames and sashes constructed of vinyl maintain interior comfort and reduce energy consumption.
- **Long life-span**
Products can last for decades; then be recycled into new products, extending the material life-span even further.
- **Sustainable**
Nearly 60% of its principal raw material is derived from common salt.
- **Durable**
Vinyl and composite building products will not rot or corrode and do not require frequent cleaning and painting like other materials, reducing the use of harsh chemicals and helping conserve resources.



Bayer
Science for a Better Life



Window
Mart
WINDOWS
& DOORS