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deceuninck | BUILDING A SUSTAINABLE HOME

INNERGY®
Rigid Thermal Reinforcements

innergy-ap.com

LEARN MORE

For more information, call 877-563-4251 or email dna.info@deceuninck.com
www.innergy-ap.com

Part No. FEN-111-0424

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THE HIGH-PERFORMING ALTERNATIVE TO ALUMINUM INSERTS

Superior performance doesn't get much easier than this.

Innergy® Rigid Thermal Reinforcements are advanced fiberglass reinforced resin inserts, designed to slide easily into window and door frame chambers for greater support and insulation.

The result is a proven, more efficient system with the strength and structural reinforcement of aluminum, offering high-performance benefits for the home.

GREEN INSIDE AND OUT

Innergy looks green because it is – starting with an up to 20% bio-based resin component in its proprietary formulation. Incorporating soy and other renewable sources, the composite offers strength, stability, and flexibility without using styrene or peroxide.

But the real green story is the superior thermal performance which enables Innergy to be an excellent energy saving addition to every window and door – virtually impermeable to cold or heat and extremely resistant to condensation.

INNOVATIVE THERMAL PERFORMANCE

Innergy is the innovative, energy-efficient alternative to aluminum.

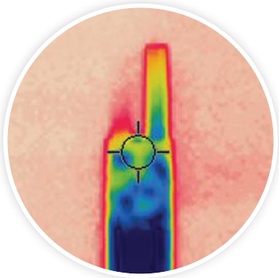
As the next-generation thermal reinforcement for the industry, Innergy delivers a significant advancement over aluminum in the performance of windows and doors:

- **Better thermal performance**
  700 times more efficient than aluminum in material-to-material comparisons
- **Better thermal stability**
  Impervious to extreme cold or heat
- **Better condensation resistance**
  Eliminates staining that occurs when metal reinforcements corrode
- **Better impact resistance**
  Unlike aluminum, no permanent deformation from high wind loads or storm-driven debris

FEATURES AND BENEFITS

FEATURE	BENEFIT
Direct replacement for aluminum reinforcements with better performance characteristics	Improves window thermal and structural performance
Fiberglass reinforced pultruded product made with resin that is up to 20% bio-based, made from soy and other renewable resources	Utilizes materials that are renewable and bio-based
700 times better thermal performance versus aluminum (when comparing material to material)	Virtually eliminates the thermal bridge that exists with other metal reinforcements
Resists condensation	Helps prevent staining that can occur with other metal reinforcements
Superior impact performance	Will not permanent set under sustained high winds

Innergy and aluminum in a 32° ice bath



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

** Photo taken after one hour ice bath*