



The High-Performing Alternative to Aluminum Inserts

Superior performance doesn't get much easier than this.

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

The result is a new, more efficient system with all the strength and structural reinforcement of aluminum, but with a whole new set of high performance benefits for the home.



Green **I**nside and Out

Innergy looks green because it is – starting with a 20-percent 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.

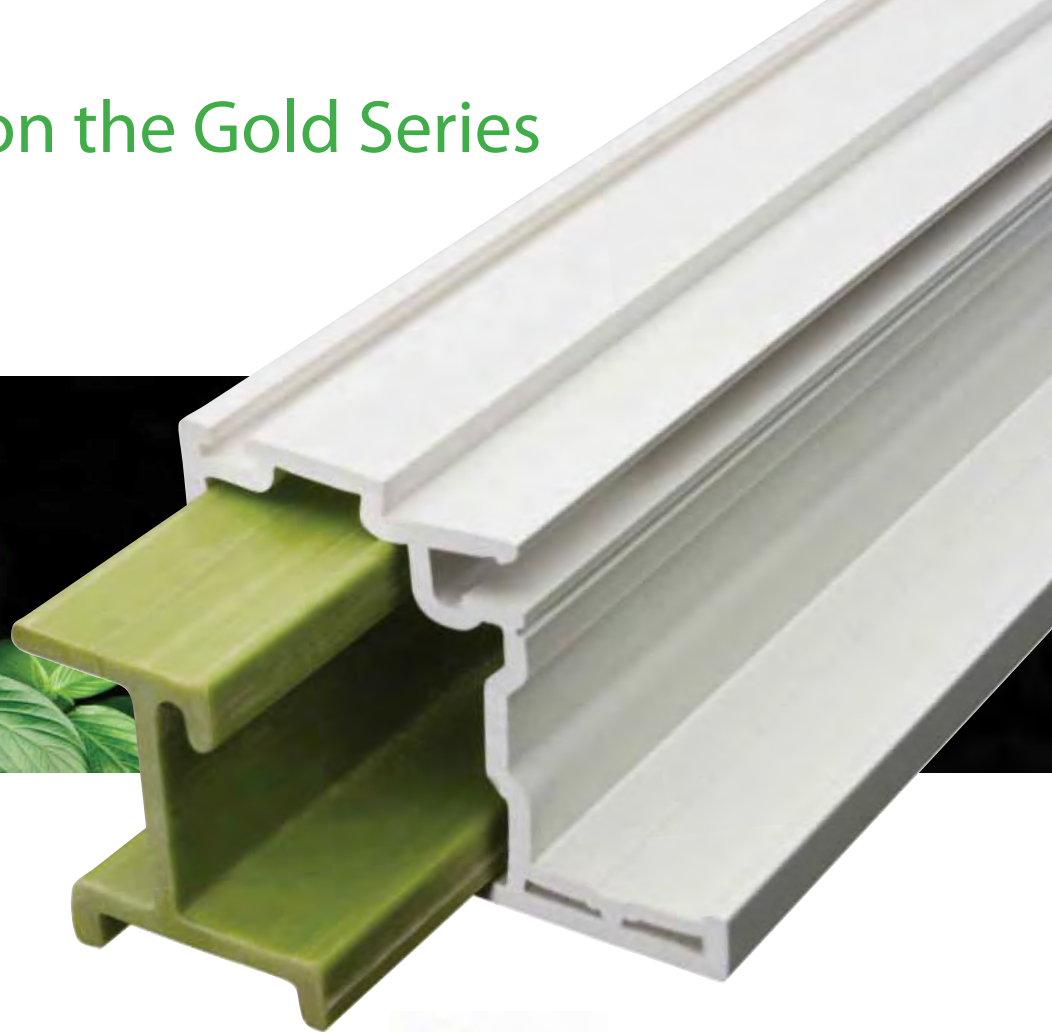
Innergy enables this Bayer MaterialScience and Deceuninck collaboration to be a green innovation every homeowner can be proud of.



Science For A Better Life

deceuninck

Now Standard on the Gold Series



Innovative Thermal Performance 700 Times Better Than Aluminum

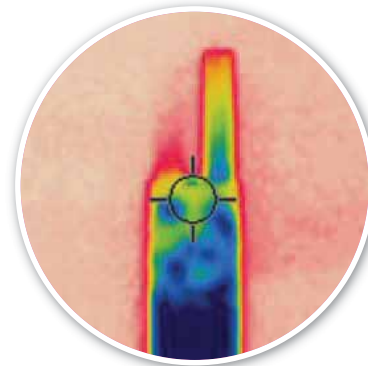
Innergy is the innovative, energy-efficient alternative to aluminum.

As the next-generation of thermal reinforcement for the industry, Innergy is able to deliver a quantum leap above aluminum in how windows and doors perform:

- ▶ **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



▶ *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*