



## GreenTech Manufacturing & PIM Fact Sheet

**Mission & Vision Statement:** GreenTech Manufacturing builds greener, more affordable communities. GreenTech Manufacturing (GTM) will transform and lead the building manufacturing industry through the introduction and effective management of the revolutionary Powder Impression Molding (PIM) process and bundled technologies. GTM and its customers will benefit from the delivery of its innovative products while GTM furthers the virtues of environmentally sustainable and affordable building and construction practices.

- In 2008, GreenTech Manufacturing, LLC, was registered in the State of Georgia as a single-purpose, Limited Liability Company.
- GreenTech is wholly owned by Gulf Coast Arms, a nonprofit trust incorporated in Texas.
- Mr. James Salvagio, owner of the successful Bull Markets, Inc., and the nonprofit trust Gulf Coast Arms, formed GTM as a single-purpose entity to bring the benefits of PIM and its associated processes to the building construction industry.
- **Primary products include:** roofing, wall systems, siding, decking, flooring, lumber, fencing, piping, light poles, and other various industrial products.
- **GTM also includes:** a sustainable chemical mixing facility to produce energy-efficient stucco coatings, white roof coatings, anti-corrosion coatings and more.

**PIM products are enduring, environmentally sustainable and cost-effective.**

### Product Efficiency

- Fewer manufacturing stages
- Predictable polymer performance in extreme climates
- Lower raw material, tooling and product costs
- Less expensive to transport and reduced assembly time

### Product Quality

- Proven enhanced mechanical and structural strength, yet lightweight
- Better resistance to rot, degradation and fire
- Zero odor
- More aesthetically pleasing than other “affordable” building methods
- Broader design flexibility (shapes, colors, finishes, sizes) to meet cultural and aesthetic needs

## **Environmental Responsibility**

- Far higher R-value of finished product due to higher quality PIM composite
- Fully recyclable production chain
- No use of volatile organic compounds (VOC)
- Excellent thermal and mechanical insulating properties
- Much higher energy efficiency outcomes

**Raw Materials** Products are up to 95% recycled materials, which is by far the highest percentage of recycled content in materials production today. GTM takes non-segregated, single-stream waste, which allows a GTM facility to double as a community asset, recycling center.

**Strength** Proprietary “powder” mixes with the processed recycled materials to produce a product stronger than steel that GreenTech will use to supply hurricane, mold and termite-resistant structures.

**Quality** GTM’s PIM products have very high insulation values (R-values for building construction) that raise the bar in terms of energy efficiency, up to 50% higher than what is currently available in the market. Products can also be made anti-microbial and are all VOC-free.

**Weight** Extremely lightweight products mean more fuel-efficient, cost-effective product shipping and safer handling on site.

**Size** GTM can produce products of any size, allowing composites to create infrastructure and other size-intensive items for the first time.

**Cost** The use of recycled materials reduces raw material costs. In the affordable housing and community development markets, PIM makes these endeavors profitable and incentivizes private capital where it has previously been a philanthropic endeavor.

## **Current GreenTech Manufacturing Clientele**

- Many purchase orders across the Southeast for affordable housing developments, helping to alleviate HUD waiting lists, schools and hospitals, commercial and industrial projects across the United States
- Energy Park in Detroit - the "Atlantic Station" equivalent on the site of a former Ford plant; development will include retail, high-tech industrial park, greenspace/recreation, office park
- Single products (to be distributed through established channels)
- Joint ventures with builders and developers in disaster reconstruction markets: New Orleans, Florida and Texas
- Large purchase orders have been made in export markets, such as: middle-class homes for Homex in Mexico, public housing in Dominican Republic, light poles and rail ties in Canada and homes in China