



Corporate Profile

Protecting People and Property from Fire...

Our Pyrotite™ formulation – which releases water when exposed to the heat of fire – can dramatically increase fire resistance in many building materials. Our Blazeguard® fire resistant wood panel is used by many of the top US homebuilders. International Barrier Technology – proven products helping protect people and property from the destruction of fire.

Company Overview

- **International Barrier Technology, Inc.** (IBTGF: OTCBB) develops, manufactures, and markets proprietary fire resistant building materials.
- Patented, **non-combustible, non-toxic, ignition resistant** Pyrotite formulation is used to coat **wood panels** and has **potential application to engineered wood products, paint, plastics, and expanded polystyrene.**
- Award-winning **Blazeguard** wood panels **exceed** International Building Code requirement in **every** targeted fire test and application, and uniquely combine properties that increase panel strength and **minimize environmental and human impact.**
- Barrier acquired rights to the Pyrotite technology in 1986, and now **owns the patent protected Pyrotite Technology.** With over a decade of sales history and established brand identity, Barrier is leveraging its reputation and experience to pursue new applications, **new regional US and global markets, and licensing opportunities.**
- Barrier completed the certification and received their International Code Congress Report, **ICC-ESR 1365.** This report expands the market for Blazeguard throughout the U.S. and other parts of the world where the **International Building Code (IBC)** is used to dictate building specifications.
- Blazeguard customers include many of the **top multifamily homebuilders and commercial modular building manufacturers in the United States.** ProBuild, ABC Supply Co., Lowe's Companies, Stock Building Supply, Builders FirstSource, and 84 Lumber, are a few of the major distributors.

Global Market Opportunities & Trends

- **Stricter building code fire safety standards and enforcement,** driven by fire destruction every year (3,430 civilian deaths and \$14.6B in damage in 2007 alone), create growing demand for effective fire resistant building materials.
- **Adoption of the International Building Code (IBC),** creates significant new requirements for fire-rated roof sheathing in multi-family dwellings. Under previous codes, the entire region to the west of the Mississippi did not require such materials
- Society's **concern about the negative health effects of toxic chemicals** in fire retardant chemicals and mold and mildew in homes.
- Growing **adoption of pre-fabricated construction and engineered wood products** – some engineered wood products burn and fail quickly in a fire.

Quick Facts

International Barrier Technology, Inc.
Business: Fire resistant building materials

U.S. Symbol/Exchange: **IBTGF: OTCBB**
CDN Symbol/Exchange: **IBH: TSXV**

Corporate Office
510 4th St. N., P.O. Box 379
Watkins, MN 55389
(800) 638-4570

Investor Relations
Toll Free: **(866) 735-3519**
Direct: (320) 764-5797
Fax: (320) 764-5799
Email: ir@intlbarrier.com

Website: www.intlbarrier.com

Shares Outstanding: 29,414,925
Shares Fully Diluted: 31,356,675

Recent Price (6/30/09): US\$0.11

Milestones

- Listed as ignition resistant exterior wall sheathing for construction in Fire Hazard Severity Zones (FHSZ) throughout California.
- Annual Sales Volumes of 7,222,500 sq. ft. of Blazeguard Products Shipped for the Fiscal Year Ending June 30, 2008.
- Barrier anticipates the available production capacity to increase by 500% and to reach 40 million sq.ft. per year by Q2 Fiscal 2008.
- Initial Commercial Production from new manufacturing line – Spring 2006. Received "Patent Pending" status on new manufacturing line – Spring 2006. Positions Barrier to be able to aggressively seek global partners for joint venture or licensing opportunities.
- Received ICC Report No. ESR 1365 in Fall 2005, enabling Barrier to market its products throughout the U.S. and other parts of the world.
- Barrier announced sales agreement with Mule-Hide Products Co., Inc. to enter the commercial modular market in December 2003. Sales increased with Mule-Hide 94% from calendar year 2004 to 2005.
- Popular Science recognized Blazeguard in 1991 with the "Best of What's New" in technology award.

Blazeguard's Benefits and Competitive Advantages

- **Exceeds targeted fire resistance standards.** Blazeguard does not allow fire to spread across its surface. It achieves a Class A, structural flame spread rating as measured by ASTM E-84. Blazeguard does not contribute to smoke in a fire, and burn-through resistance is nearly tripled that of uncoated panels as measured by ASTM E-119.
- **Non-toxic coating poses no risk to humans.**
- **Enhanced strength and high impact resistance.** The treatments in fire retardant treated (FRT) plywood can weaken the panels they are intended to protect, in the past resulting in structural failure and major liability issues.
- **Resistant to mold and mildew.** Gypsum wallboard is susceptible to mold and mildew infestation, potentially causing people to become sick in their homes.
- **Value added. Versatile, premium product avoids** "doubling up" of material and installation labor to accommodate gypsum's shortcomings in strength. Resistant to periodic wetting at job sites. Easy to handle and install. Conducive to manufacturing and shipping. Optimal material choice to meet key construction needs and emerging trends.

Positioned for Sales Growth and Profitability

- **Expanding current sales with added distribution and sales capabilities, and new target markets.** Successful marketing and sales strategy, using manufacturer reps, grew sales in multi-family roof deck applications in the Midwest and West by 148% over one year. Now expanding strategy to other US regions.
- **Commercial Modular Double Digit Growth.** A sales agreement with Mule-Hide Products Co., Inc. and its affiliate, ABC Supply Co., Inc. (a roofing and siding supplier with sales exceeding \$1 billion and over 250 branches), continues to grow sales in commercial modular buildings, such as semi-permanent structures at hospitals and schools. During the 2007-08 Fiscal Year, this market grew to 5,581,300 sq. ft.
- **Additional production capacity to support significant growth.** A \$3.2 million dollar plant expansion and new manufacturing line was designed and constructed to meet product demand and rapid sales growth. Commercial production is being produced and expected to continue to grow to reach designed capacity of 40 million sq. ft.
- **New applications and certifications.** Barrier plans to fire test, list, and market fire rated wall assemblies required in single family and multi-family buildings, as well as interior and exterior rated wall assemblies. In addition, the uniform, smooth surface texture from the new production process gives us the ability to tap into new market applications previously difficult for Barrier to penetrate, including interior wall panels and structural insulated panel systems (SIPs).

Barrier is well positioned with its focus on the growing fire safety segment of the U.S. building materials industry. Its proprietary products have compelling characteristics that serve to protect human life and property, provide value to builders and manufacturers, and address emerging industry trends and health concerns. As an experienced company with established sales and potential to dramatically accelerate growth, Barrier is positioned to assume an expansive role in the multi-billion dollar fire safety industry.

This document contains forward-looking statements that involve risks and uncertainties. Actual results could differ materially from those contained in these forward-looking statements. Factors that could cause actual results to differ materially from these forward-looking statements include, but are not limited to, risks and uncertainties relating to competitor activities, market acceptance of Barrier products, availability of capital, and other political or economic factors. This document does not represent a solicitation to buy or sell the securities of this company.

Fire!

Fire is one of nature's most destructive forces. Despite notable fire safety improvements over decades and centuries, news headlines of tragic fires are today still all too common. The National Fire Protection Association reported the following U.S. fire statistics for 2007:

- Public fire departments responded to over 1,557,500 fires, including 530,500 structural fires.
- 3,430 civilians lost their lives and 17,675 civilians were injured as the result of fire.
- Residential and commercial direct property damage was \$14.6 billion.
- Nationwide, a civilian fire injury occurred every 30 minutes and a civilian fire death every 153 minutes.

Blazeguard Comparative Fire Test



Blazeguard's superior fire resistance characteristics serve to protect human life and property from fire. In the fire test shown above, the shed built without Blazeguard (top) burns readily compared to the shed built with Blazeguard (bottom).

The PyrotiteSM Formulation

- Pyrotite, which is used on Blazeguard, is a non-toxic, non-combustible compound that inhibits flame ignition, flame spread, and burn-through. It is cementitious, inorganic, and mineral-based.
- The coating retains structural integrity through prolonged exposure to flame temperatures of 2000° F.
- Products using Pyrotite – researched and successfully applied since 1988.
- Pyrotite is protected by multiple patents.
- Barrier has been an exclusive U.S. licensee to Pyrotite from the mid-90s. In April 2004, it acquired the worldwide rights to the technology from Pyrotite Corporation.