



BEAVER
COUNTY
CHAMBER OF
COMMERCE

724-775-3944

BUSINESS

Leading Businesses....Leading Communities

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PAID ADVERTISING

Think globally, act locally. It's a mantra used by many, but one that StartingGate took to heart when they decided to build their new Proving Grounds Business Incubator Facility in Beaver County.

With a mission to fill a significant market need in the Beaver County region for entrepreneurs and small businesses that are demanding high quality, small business growth services, the Proving Grounds Business Incubator Facility is a hot bed of innovative technology developed locally, but with global reach in mind.

In developing a new facility, the concept of act globally came to mind. StartingGate was committed to working with local suppliers to build the commercial building - suppliers that could help them achieve LEED Green Building Certification. By leaning on the networking opportunities of organizations such as the Beaver County Chamber of Commerce, StartingGate was able to cultivate a relationship with NOVA Chemicals Inc., and its subsidiary, SYNTHEON Inc., each with significant expertise in energy-efficient building and construction materials - materials that can be used globally to make a difference in the way buildings are constructed and maintained.

The story of NOVA Chemicals and SYNTHEON is one of collaboration, innovation and sustainability.

NOVA Chemicals manufactures plastics and chemicals that make everyday life safer, healthier and easier. A longstanding and proud member of the community, NOVA Chemicals' Potter Township manufacturing facility has employed Beaver County residents for nearly 70 years. The plant produces expandable polystyrene (EPS) resin used in foam cups and containers, protective packaging, and in building and construction products that limit the environmental footprint of homes and buildings. A key ingredient in many building and construction products, developers have been using EPS for decades because of its insulation properties. It keeps the heat or cold air in, protects against natural disasters, enhances indoor air quality and keeps out external noise pollution. Contractors like it because it is lightweight, easy to install and lasts much, much longer than many traditional building materials. Homeowners and building owners like it because over time they can

PARTNERSHIPS

SYNTHEON®

NOVA Chemicals®



The 75,000 square foot facility will house 15-20 business start-up companies ranging in industries from Information Technology, Medical Devices, Homeland Security/Frist Response and Advanced Manufacturing.



Combining the material science expertise of NOVA Chemicals with the energy-efficient product technology of SYNTHEON allowed StartingGate to build a facility that is seeking LEED Green Building Certification. It will be the first of its kind in the community, setting the standard for those to come.

save significant money in their energy costs. In 2010, NOVA Chemicals set up its subsidiary, SYNTHEON, a company that specializes in high-efficiency building envelope systems with advanced component fabrication. SYNTHEON tapped into the material science expertise that NOVA Chemicals had developed over the years and found new, innovative ways to use EPS for the building and construction industry. One of the leading technologies SYNTHEON utilizes is for a Steel Thermal Efficient Panel (STEP) - a new category of insulated wall panels beyond the traditional insulated concrete forms or structural insulated panels. Manufactured in Leetsdale, PA, just down the road from NOVA Chemicals' Beaver Valley plant, the accel-E® STEP wall system combines the strength of steel

with the superior insulation properties of EPS foam to deliver a high-performance wall system.

StartingGate selected the accel-E STEP wall system to build the exterior walls of the Proving Grounds Business Incubator Facility for their energy efficient, lightweight, easy to use performance characteristics, helping them to significant-

ly reduce the environmental footprint they leave behind. Important not only to the local economy, the products developed by NOVA Chemicals and SYNTHEON are a model of how energy efficient, lightweight, long lasting materials can be used nationally and even globally - to help meet the new energy standards and to reduce greenhouse gas emissions.

To learn more about each company, visit:

StartingGate:

www.starting-gate.com

NOVA Chemicals:

www.novachemicals.com

SYNTHEON Inc.:

www.syntheoninc.com

accel-E STEP wall system:

www.accel-e.com



NOVA Chemicals At-a-Glance

Important Dates in local NOVA Chemicals History

- o **1942** - built by U.S. government as a synthetic rubber plant
- o **1955** - expandable polystyrene resin is first made at the plant
- o **1970** - ARCO buys the facility from Sinclair Oil
- o **1996** - NOVA Chemicals purchases the plastic division of ARCO

What we do for the community

Important Dates in local NOVA Chemicals History

- o Employ 200 people
- o Focus on safety in where we live and work
- o Largest United Way contributor in Beaver county
- o Active community leadership through local university, chamber and charitable boards
- o Investing in the future of communities through education assistance programs for employees and their children