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WATERPROOFING MATERIALS AND INSULATING SYSTEMS

POLYGLASS 

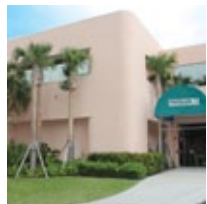
 **MAPEI**
GROUP

Adds value!

POLYGLASS® is committed to *adding value* by producing cutting edge products which meet or exceed the needs of our customers. Our goal is to provide a professional experience, focusing on quality products and efficient service, while meeting the objectives of our shareholders and employees.



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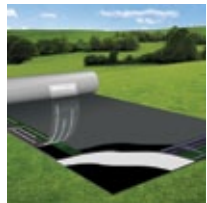
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Polyglass Headquarters, Deerfield Beach, FL



Polyglass Manufacturing Facility, Fernley NV



Polyglass Manufacturing Facility, Winter Haven, FL



Polyglass Manufacturing Facility, Hazleton, PA

COMPANY OVERVIEW

Polyglass® is a leading manufacturer of modified bitumen roofing and waterproofing membranes and roof coatings for low- and steep-slope applications. Committed to adding value through innovation, Polyglass utilizes the most technologically advanced manufacturing processes in the industry with four state-of-the-art manufacturing facilities – three in the United States, and one in Italy which services all of Europe. Polyglass also has operations in Great Britain and Romania.

Polyglass prides itself in producing innovative and quality roofing and waterproofing products which exceed the needs and expectations of its customers. This commitment is demonstrated daily by the people that work for Polyglass where the customers' needs always come first.

HISTORY



Starting as roofing contractors, brothers Luigi, Romano and Antonio Zanchetta realized on the job that there was a need for roofing products that were more contractor-friendly. After years in the field, the Zanchettas decided to put their beliefs into action and created their first compound formulation. Joining "Poly" from polymer and "Glass" from fiberglass - two elements that were in their products, the name Polyglass was born.



In 1972, Polyglass' first plant was built in Ponte di Piave, a town just north of Venice, Italy. The location was chosen because it was home to the Zanchetta family.



The start of the 1980s was an exciting time for Polyglass as Romano decided to venture into the United States business opportunity. With the growth of Europe's business, it was a natural progression to expand abroad.

In the late 1980s, Polyglass made a small investment into West America Membranes which had a manufacturing facility in Fernley, Nevada. The company ceased operations allowing Polyglass to buy the plant and its contents.

1997 marked 25 years since Polyglass entered the roofing manufacturing business and celebrated by bringing all of its sales reps from the US to Italy to show off the company's roots.

1997 also marked the year that Polyglass opened its second US manufacturing plant in Hazleton, PA.



At the turn of the century, Polyglass SpA experienced significant growth, opening multiple distribution points with main locations in Great Britain and Romania.

To support this growth, Polyglass SpA expanded its operations in Ponte di Piave.



The third Polyglass USA plant opened its doors in 2007 in Winter Haven, FL. The following year Polyglass introduced coatings to its product offering. Manufacturing its own coatings, cements, mastics, reflective coatings and elastomeric coatings, Polyglass applies the same commitment to quality to this product category.



Polyglass USA moved its USA headquarters to Deerfield Beach, FL in 2010.

With three plants across the USA, Polyglass USA continues to develop its ability to service North America. That combined with its strong European operations, Polyglass is a global company that provides quality roofing products featuring cutting-edge technology.

1960

1970

1980

1990

2000

PRESENT



By the mid-1970s, two production lines were up and running, producing modified bitumen roofing membranes. Business grew from Italy to the surrounding countries.



By the mid-1980s, American Roofing Corporation was distributing Polyglass product in the mid-western United States with great success.

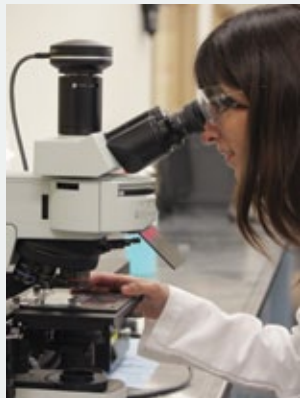


After buying the manufacturing plant in Fernley, Polyglass made it its own by bringing its knowledge of building state-of-the-art manufacturing equipment to make top quality products. Polyglass' first US facility and headquarters was opened in 1992.



At the end of the 1990s, Polyglass modified its logo by incorporating the Q behind the company name. Q, standing for quality, was the recognition of Polyglass SpA achieving ISO 9001.

At the same time, Polyglass USA introduced the first self-adhesive membrane in the United States - creating a new product category within the Asphalt Roofing Manufacturers Association (ARMA).



In 2008, the Mapei Group acquired Polyglass. A company heavily focused on product research and development, Mapei has been in the building materials industry for over 75 years and is owned by an Italian family making it a natural fit for Polyglass.

With its origins as a roofing contracting business, Polyglass became a leading manufacturer of modified bitumen roofing membranes in Europe in the 1960s and introduced its products and technology to the United States in 1992. Since then, Polyglass has grown to be a leading innovator in the roofing industry. Decades of practical experience in the application of roofing and waterproofing materials provide the strong foundation for understanding the importance of contractor satisfaction.

Launching innovative technologies such as Polyglass' patented self-adhered ADESO® Technology in the 1990s positioned Polyglass

as a leader in self-adhered modified bitumen membranes. As the company continued to grow, it was acquired in 2008 by Mapei®, a global manufacturer of adhesives, sealants and chemical products for the building industry. Since the acquisition, Polyglass USA's headquarters moved to Deerfield Beach, Florida and the company is better positioned globally for growth.





RESEARCH AND DEVELOPMENT

Polyglass' manufacturing facilities are equipped with custom designed machinery built by Polyglass technicians. The plants feature a multiple variable advanced compound coating system that allows a broader application of proven formulations to new carriers, as well as allowing the production of composite products. In addition, Polyglass laboratories are designed to implement the highest quality standard testing methods to ensure product performance.

By combining Polyglass' manufacturing expertise and technology with the ability to purchase the finest raw materials available world-wide, Polyglass is able to produce superior performing, yet competitively priced products.

**MVACC - Multiple Variable
Advanced Compound Coating**

Manufacturing that allows application of two distinct compounds on opposite sides of reinforcement.



SBS Dual-Compound

Manufacturing process that allows application of SBS compound on the weathering surface and a self-adhesive compound on the bottom surface of the reinforcement.



APP Dual-Compound

Manufacturing process that allows application of APP compound on the weathering surface and a self-adhesive compound on the bottom surface of the reinforcement.



MSS - Multiple Surface Solutions

Flexible manufacturing process that facilitates application of a variety of customized surfacings, to provide a wide array of roofing solutions.



FASTLap - Granule-free end lap

Patented process through which granulated sheet are manufactured with granule-free roll ends. End lap selvage protected by removable film.



**SEALLap - Factory-applied
adhesive treatment**

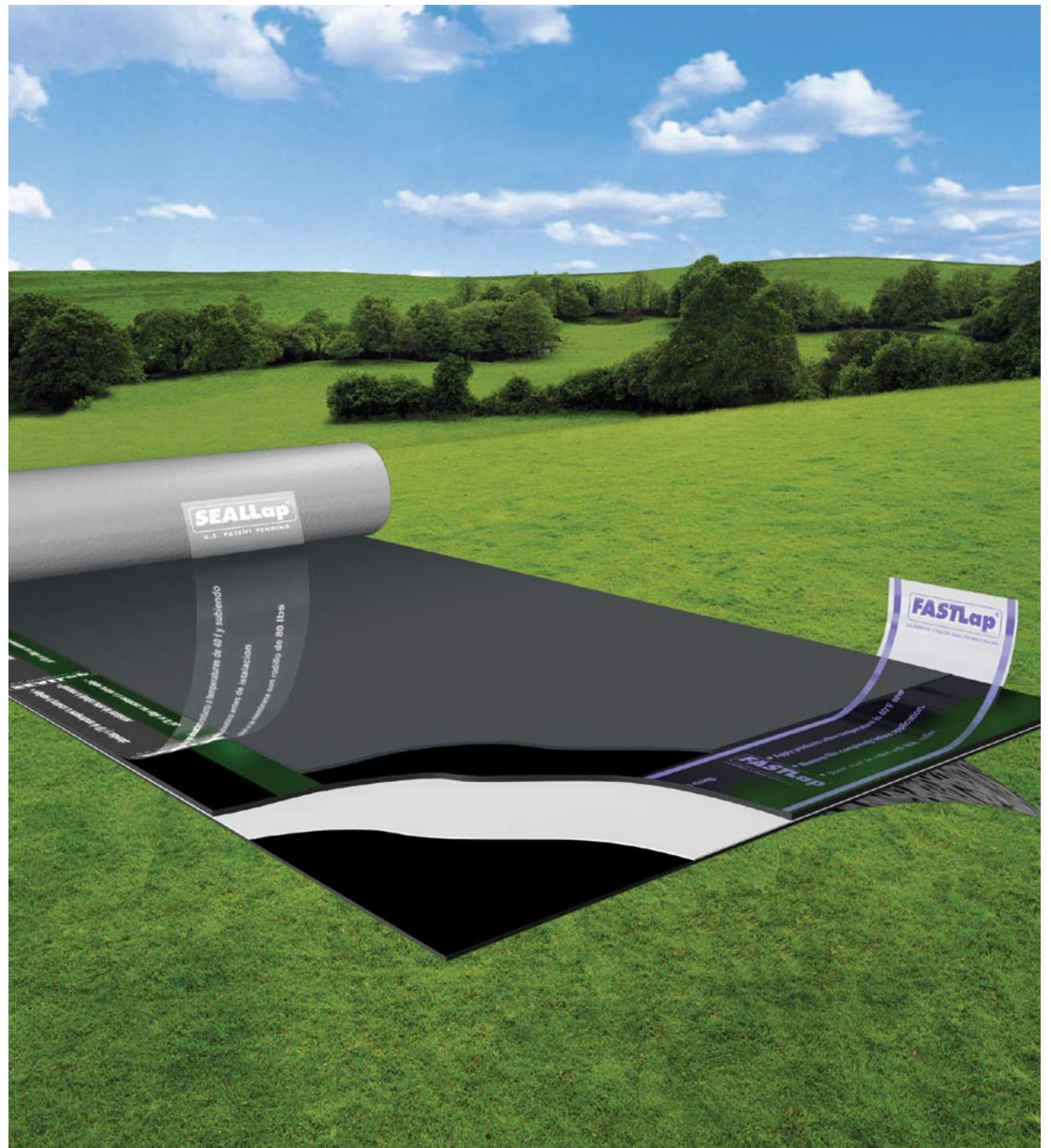
Unique factory-applied treatment at the membrane overlap sections to enhance sealability.



INNOVATION

Unique to Polyglass self-adhered products, ADESO Technology was incorporated into Polyglass modified bitumen membranes and revolutionized this segment of the roofing industry. Membranes utilizing ADESO Technology feature an aggressive self adhesive under the reinforcement used, and incorporates a top weathering surface of glass fiber or polyester-reinforcement with an APP or SBS modified bitumen compound. Polyglass developed multiple surfacing solutions (MSS) to provide a variety of unique and customized surfaces that are aesthetically-pleasing, skid-resistant, UV-resistant, energy-efficient, non-abrasive and provide long-term roof top exposure capabilities. Polyglass' ADESO products also feature unique FastLap® and SealLap® lapping systems. These patented lap systems facilitate a fast, tight and instantaneous seal that insures a permanent bond immediately.

By introducing product developments and improvements such as ADESO Technology, Polyglass provides its customers with solutions that can elongate roofing longevity and positively affect the bottom line.





ENSURING A GREENER TOMORROW

At Polyglass, we're committed to preserving and protecting the environment, continually seeking opportunities to reduce our impact on the planet. We understand the far-reaching effects of our actions, and recognize our responsibility as a global company to conserve resources and minimize waste. That's why Polyglass is proud of its ongoing commitment to green practices, every step of the way.

MANUFACTURING

Polyglass considers its full impact on the environment during manufacturing and maintains green facilities by:

- Using post-consumer recycled content in most of our products
- Recycling production waste
- Powering off machinery when not in use



PRINTING

In an effort to reduce our eco-footprint, Polyglass uses sustainable printing measures including:

- Using minimal packaging on all products
- Printing with vegetable or soy-based, biodegradable inks
- Offering our product literature in digital form to save paper

PRODUCT RANGE

SELF-ADHERED MEMBRANES

Polyglass created this product category and has continued to improve its manufacturing process to stay ahead of the competition. The new generation of Self-Adhered (SA) membranes manufactured with patented ADESO® Technology is the most innovative modified bitumen roofing product available in the industry. Polyglass' SA membranes are unique in utilizing patented dual-compound, self-adhesive technology; a granule-free end lap, FASTLap®; and a factory-applied side lap treatment, SEALLap®. A proven performing roof system, Polyglass' SA membranes install quickly, are clean and provide a long-lasting and durable roof covering.

POLYSTICK® SELF-ADHERED UNDERLAYMENTS

The POLYSTICK family of self-adhered underlayments offers many options for varying roofing applications and all are manufactured utilizing ADESO® Technology. Featuring MSS (Multiple Surfacing Solutions), which is an application of customized surfaces providing a wide array of roofing solution, POLYSTICK top surfaces are high strength, anti-skid, film laminate or high temperature resistant fabric, or specially treated granules. POLYSTICK underlayments are reinforced with glass-fiber or polyester carrier mats and include a unique factory-applied side lap treatment, SEALLap®.

CONVENTIONAL MOD BIT MEMBRANES

Polyglass offers a wide variety of APP (Atactic-Polypropylene), and SBS (Styrene Butadiene-Styrene), modified asphalt, roofing membranes, reinforced with polyester and/or fiberglass mat offering excellent tensile strength and dimensional stability. These modified bitumen membranes are available in a variety of installation methods to best suit your application, including heat welding, hot asphalt and cold-applied adhesion.



ROOF COATINGS

In 2008, Polyglass applied its commitment to manufacturing excellence to a new line of products – Coatings. Polyglass manufactures a complete line of high quality reflective coatings, cements and sealants for roofing and waterproofing installations.

KOOL ROOF SOLUTIONS™

Dedicated to producing products that will help lower energy costs in buildings, Polyglass manufactures several options for your cool roofing needs. All products comply with ENERGY STAR® requirements, are CRRC® (Cool Roof Rating Council) listed and are CA Title 24 compliant. These products have incredible reflectivity and emmissivity and will stand the test of time.

CUSTOMER CARE

Polyglass values its customers and is in constant search of ways to improve products and services. Positioned in three locations across the United States, Polyglass is able to service most of the country in just a few days. This access to quality inventory coupled with our team of trained Technical Representatives available for onsite support provides uncompromised service that customers can depend on.

With Polyglass, you can be assured that you will get quality materials, customer service personnel available on both the East and West coasts and technical training and support on our many products – placing customer needs as the company's highest priority.

1) DEERFIELD BEACH, FL
POLYGLASS USA, INC.
North American Headquarters

2) FERNLEY, NV
Manufacturing Facility

3) HAZLETON, PA
Manufacturing Facility

4) WINTER HAVEN, FL
Manufacturing Facility

5) PONTE DI PIAVE, ITALY
POLYGLASS SpA
European Headquarters

6) WEST MIDLANDS, GREAT BRITAIN
Affiliate Office

7) B-DUL CHIMIEI, ROMANIA
Affiliate Office





Adds value!

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