



COMPANY PROFILE



ABOUT POLYGLASS

Polyglass is an ISO 9001:2015 Certified leading manufacturer of high-quality modified bitumen roofing and waterproofing solutions, with over 30 years of experience in the United States.

Committed to adding value through innovation, Polyglass utilizes the most technologically advanced manufacturing process in the industry with six state-of-the-art manufacturing facilities- five in North America and one in Italy which services all of Europe.

Since 2008, Polyglass has been a part of the Mapei® Group, a multi-billion-dollar manufacturer in the building industry. Together we represent over 130 years of combined experience in the production and support of building envelope products and solutions, with 83 manufacturing facilities spanning 36 countries on 5 continents.

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

We are more than a manufacturer - Our company's family-based culture puts our customers, their projects and success, first. Polyglass and Mapei are committed to those founding core values in addition to the Research & Development, and Innovation required to ensure the performance expected from our world class organization.



Polyglass Business Management Statement

Polyglass U.S.A. Inc. is committed to adding value by meeting or exceeding customer expectations while increasing customer satisfaction. We do this by continually innovating and improving products, processes, services and the effectiveness of our Business Management System. We are committed as a family owned business to provide a safe work environment that values trust, diversity, empowerment, open communications, mutual respect and accountability.

A handwritten signature in black ink, appearing to read 'Natalino Zanchetta'.

Natalino Zanchetta, CEO



THROUGH THE DECADES

1960's

Roofing Contractor brothers Luigi, Romano and Antonio Zanchetta form Polyglass - joining two elements in their products: "Poly" from polymer and "Glass" from fiberglass.

1970

1972

The first plant was built in Ponte di Piave, Italy: home to the Zanchetta family.



MID-1970's

Two production lines were up and running, producing modified bitumen roofing membranes. Business grew from Italy to the surrounding countries.

1980

1980's

Romano ventures business to the United States. Soon after, American Roofing Corporation was distributing Polyglass products in the mid-western United States.



1990

1992

First U.S. manufacturing plant and headquarters opens in Fernley, NV - after an investment into West America membranes in the late 1980's.

1990

1997

25 years in the roofing manufacturing business. Opened second U.S. manufacturing plant in Hazleton, PA.



Late 1990's

Polyglass S.p.A. achieves ISO 9001. Introduced the first self-adhered membrane in the United States, creating a new product category within the Asphalt Roofing Manufacturers Association (ARMA).



2000

2000

Opened multiple distribution points with main locations in Great Britain and Romania.

2003

Revolutionized the roofing industry by manufacturing its self-adhered membranes with its patented **ADESO® Technology**.



2007

Opened third U.S. manufacturing plant in Winter Haven, FL.



2008

Introduced coatings to its products offering, manufacturing coatings, cements, mastics, reflective coatings and elastomeric coatings.

Mapei Group acquires Polyglass; a natural fit for the two Italian, family-owned companies heavily focused on product research and development.

ROMANO ZANCHETTA
C.E.O. POLYGLASS

GIORGIO SQUINZI
C.E.O. MAPEI

2010

Moved U.S. headquarters to Deerfield Beach, FL.



2010

2014

Acquired KM Coatings, opening a fourth U.S. manufacturing plant in Phoenix, AZ.

Launches **CURE Technology®**. A patented thin film innovation featuring highly reflective, stain-free, superior granule retention finish.



2016

Received ISO 9001:2015 for Quality Management System.



2017

Opened fifth manufacturing plant in Waco, TX.



2019

Announces **SEALLap® ULTRA**, self-adhesive compound in the side lap for an instant bond tested stronger than all other application methods.



Adds **FASTlap®**, patented granule-free end lap, to Premium heat-welded modified bitumen cap sheets to save time and labor.



Introduces **Turbo-Set®**, Advanced Liquid-Applied Roofing System featuring Blue Cure Technology™.



2022

Celebrates 30 Years of Evolution and Innovation manufacturing in the U.S.

Launches new liquid-applied membrane system: Polyglass PMMA.

Polyglass joins the Building Envelope market offering a complete range of superior products and systems to provide for all structural waterproofing requirements.



2023

POLYGLASS®
MAPEI GROUP

Polyglass launches new global brand logo. Part of the ongoing evolution of the company.



Adds value!



Adds value!



CUSTOMER CARE

Polyglass values its customers and is in constant search of ways to improve products and services. Positioned in five manufacturing 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.



1. Deerfield Beach, FL
Polyglass USA, Inc.
North American Headquarters



2. Fernley, NV
Manufacturing Facility



3. Phoenix, AZ
Manufacturing Facility



4. Hazleton, PA
Manufacturing Facility



5. Winter Haven, FL
Manufacturing Facility



6. Waco, TX
Manufacturing Facility





RESEARCH AND DEVELOPMENT

As a leading company in the modified bitumen membrane waterproofing and roofing products category, Polyglass has consistently innovated throughout its history. Our patent portfolio includes, but not limited to: "ADESO®" - a groundbreaking dual compound membrane, "SEAllap® ULTRA" - an enhanced bonding method for self-adhered membranes, and "Polyfresko®" an unsurpassed energy savings membrane that delivers exceptional solar reflectance.

Our multidisciplinary Research & Development team is comprised of Ph.D.s., chemists, material scientists and chemical, civil and mechanical engineers that interact with other departments to play a critical role in the development of new products, processes, innovations and ideas. R&D contributes to achieving our company's goals through the optimization of the manufacturing process, by implementing cost-effective and improved installation techniques and by controlling the selection and approval of raw materials, ensuring our customers receive quality products at an exceptional value that meet and exceed environmental, health, and safety regulations.

The Research & Development department embraces and understands the many difficulties of meeting the demands of the building and waterproofing industries and is well equipped to meet these future challenges. Our research laboratories are supplied with cutting-edge analytical and physical testing equipment to push the boundaries in the development of novel and innovative products and technologies that better serve our customer's needs and expectations.



INNOVATIONS



What is ADESO® Technology?

ADESO Technology revolutionized the modified bitumen industry by manufacturing dual-compound self-adhered membranes using a true APP or SBS formulation on the top weathering side and an aggressive self-adhered formulation on the bottom side of the reinforcement. ADESO Technology integrates patented features that enhance lap sealing and allows product design with a variety of customized surfaces.

Features & Benefits:

- Labor savings with fast and clean installation
- Safe, no open-flame application
- Superior watertight sealing
- Versatile roof systems for commercial and residential projects
- Long-term warranty protection
- Adheres to a variety of substrates
- Polyester or fiberglass reinforced



Dual Compound

Combines a true APP or SBS compound top weathering surface with an aggressive self-adhesive compound on the bottom surface.



Multiple Surface Solutions

Provides solution for any roofing system need, allows a wide variety of surfacing options.



SEALLap® ULTRA

Instant side lap bond, tested stronger than all other application methods. This SA to SA bond provides a completely monolithic seal.



FASTLap®

Save time and labor with granule free end laps.



What is CURE Technology®?

CURE Technology is a patented thin film technology, resulting in a modified bitumen membrane with greatly enhanced performance benefits without compromising the ease of installation and overall value expected from Polyglass products.

Features & Benefits

- Featured on all Polyfresko cap sheets
- Vastly improved surface reflectivity and membrane emissivity
- Exceptional granule adhesion
- Ultraviolet stabilizers resulting in greater durability and longevity
- Minimal scorching with torch application
- Impact, scuff and stain resistant
- Mold and fungus resistant
- Solvent-free and environmentally friendly



Stain-Free

Minimal staining on the surface of the cap sheet; significantly resists discoloration. Maintains its color integrity over time.



Granule Adhesion

Superior granule adhesion, minimal loss of granules when exposed to foot traffic and other elements.



Reflectivity

Initial reflectivity above industry standards, maintains reflectivity performance over time.



Thin Film Technology

Minimal surface finishing while maintaining granule appearance, increased durability and improved reflectivity.

POLYSTICK® XFR



What is Polystick® XFR?

Polyglass Polystick XFR is a dual-purpose fire-resistant and self-adhered waterproofing underlayment. Many fire rated underlayment products on the market today tout both waterproofing and fire resistance but fall short on one or the other. Polyglass combines two patented technologies to achieve the highest levels of performance in both categories. Utilizing ADESO® dual-compound self-adhered technology, Polystick XFR features a 80 mils combined elastomeric modified bitumen upper compound and an aggressive self-adhesive compound on the bottom to provide proven waterproofing protection while Polyglass' patent-pending Burn-Shield Technology® offers fire resistance capable of achieving the highest level of fire ratings.

Features & Benefits:

- Superior protection against fire spread/penetration and ember resistance in systems tested under UL 790
- Helps achieve UL Class A for Combustible Decks using a single layer
- Robust 80 mils (2 mm) of waterproofing rubberized asphalt
- Self-Adhered with split release film for ease of application
- Fiberglass reinforced for added strength and dimensional stability
- Skid-resistant top surface with max 180 days exposure
- Dedicated side lap for consistently strong seams
- Approved for applications up to 265°F
- Up to 30-year warranty (Reference Polyglass Warranties Terms & Conditions)

POLYFLASH®
1C One Part
Flashing
Compound



What is PolyFlash® 1C?

PolyFlash 1C is a one-component, moisture-cure, silane modified polyurethane, white flashing compound designed for sealing and waterproofing roofing details, flashings, and penetrations on a wide variety of roofing systems. When combined with PolyBrite® reinforcing polyester fabric this product can permanently solve typical and challenging flashing needs. Compatible for use over asphaltic membranes, polymer modified membranes (APP, SBS), conventional BUR, most Polyglass roofing membranes.

Features & Benefits:

- Unique ability to be applied as an immediate, but temporary emergency leak repair over wet or damp surfaces
- High tensile strength, durable
- Crack bridging capabilities
- Excellent early rain resistance
- Excellent waterproofing: <1.0 US perms
- UV resistant with minimal order
- Extensive application ambient temperature range (40° F to 122° F)
- User-friendly application
- Seals masonry, wood, curbs or vents, specialty gypsum sheathing products, roof drains, pitch pans, unusually shaped penetrations

POLYGLASS ROOF PRODUCTS

ADESO® 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 self-adhesive compound in the side lap, SEALLap® ULTRA. A proven performing roof system, Polyglass' SA membranes install quickly, are clean and provide a long-lasting and durable roof covering. The latest additions to this family of products, Elastoflex SA V Polar Base® and Elastoflex SA P Polar Cap®, can be applied in temperatures as low as 25° F.

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 Multiple Surfacing Solutions, the application of customized surfaces provides a wide array of roofing solutions. Polystick top surfaces are high strength, anti-skid, film laminate or high-temperature resistant fabric, or specially treated granules. Polystick underlayments are reinforced with fiberglass or polyester and some include our unique factory-applied side lap treatment, SEALLap® ULTRA.

Modified Cements & Adhesives

Polyglass' Modified Cements & Adhesives are ideal for use with SBS modified bitumen roofing membranes as a cold-applied adhesive and are specially formulated to be compatible with Polyglass roofing membranes.



Conventional Mod Bit Membranes

Polyglass offers a wide variety of Plastomeric (APP), and Elastomeric (SBS), 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.

Kool Roof Solutions® & Acrylic Roof Coatings

Dedicated to producing products that will help lower building energy costs, Polyglass manufactures several options for your cool roofing needs. All products are CRRR (Cool Roof Rating Council) rated and can be used to comply with 2016 Title 24 Part 6 Cool Roof Requirements. These products have incredible reflectivity and emissivity and will stand the test of time.

Silicone Roof Coatings

Polyglass silicone coatings provide a highly-reflective, seamless, flexible and durable solution for roof restoration. Approved for most substrate applications.

Polyglass PMMA

A proven high strength, fast curing, and durable innovation offering versatile solutions compared to conventional waterproofing materials. These cold-applied products provide maximum long-term performance as part of the next generation in liquid-applied roofing and waterproofing systems.

The diverse range of Polyglass PMMA system solutions are suitable for most waterproofing and surfacing needs including low-slope roofs, terraces, plaza decks, balconies, green roofs/walls, mechanical room floors, below-grade waterproofing and more.



BUILDING ENVELOPE SOLUTIONS

We are more than a manufacturer of full building envelope protection – we are Polyglass: a family-owned company that puts our customers and their projects first – protecting the building owner from more than just the predictable.

Service & Support

Our team of technical experts assist customers from concept to completion with each phase of the project.

- Waterproofing design assistance and analysis
- Periodic onsite observations
- 24/7 Technical Support: (866) 794-9659

Warranty Protection

We “**Seal the Envelope™**” with solutions to protect your building from roof to wall to foundation. Polyglass stands behind our products and systems with the most reliable warranties in the industry, providing extended protection and assuring optimum performance.

Polyglass Structural Waterproofing Products

Polyglass offers a complete range of superior products and systems to provide for all structural waterproofing specifications and requirements:

- Pre-Applied Horizontal and Vertical Applications
- Post Applied, Foundation Walls
- Decks, Plazas, and Elevated Decks
- Fully bonded and self-adhered membranes; Liquid-Applied Waterproofing
- Accessories

Polyglass Above Grade Air & Vapor Barrier Products

Polyglass offers a group of primerless, self-adhered and fluid-applied, water-resistive, vapor-permeable and non-permeable air barriers to ensure the durability of your structure.





POLYGLASS®



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