



POLYSTICK[®]

ROOF UNDERLAYMENTS

About Polyglass

Polyglass is an ISO 9001:2015 Certified, leading manufacturer of modified bitumen roofing and waterproofing membranes and roof coatings for low- and steep-slope applications with over 25 years of experience in North America. 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 with over 31 research centers and more than 81 production facilities in 35 countries.

Polyglass prides itself in innovative and quality roofing 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.



Research & 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 self-adhered 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.Ds., 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 equipped 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.



Why Use Polyglass Polystick Underlayments?

When deciding on what roof assembly to install, a quality roof underlayment can play a critical role in the performance of the roof system.

Provide your customers with the most technically advanced and time tested underlayment products on the market; build your business with long-term satisfied clients, reduced installation costs and fewer call backs.

Polyglass produces quality roof underlayments for steep slope roofs.

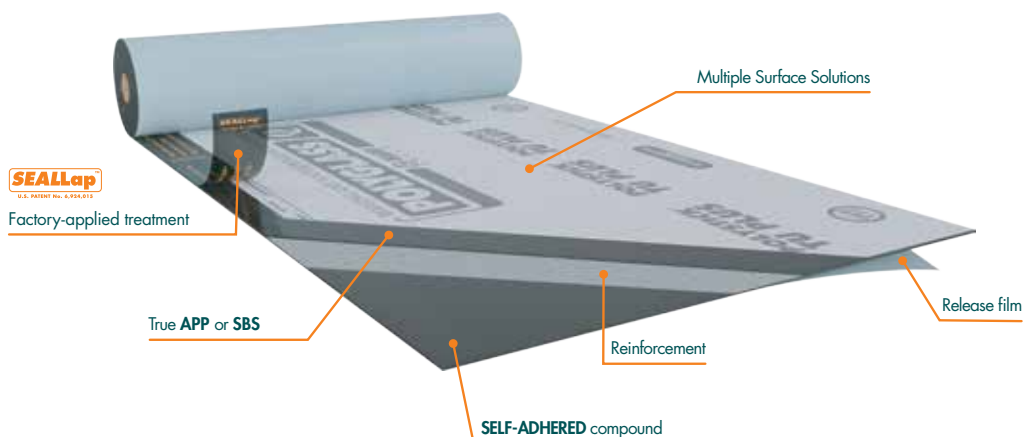
- Safe and easy installation
- Independently-tested and certified
- Warranties up to 30 years
- Watertight protection



Underlayments with ADESO® Self-Adhered 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, and other innovative Polyglass patented technologies featured in our self-adhered membranes provide for overall superior product and roof system performance. Most ADESO membranes feature SEALLap®, a patented factory-applied adhesive treatment along the side of the membrane. Polyglass' self-adhered granulated cap sheets also feature FASTLap®, a patented granule-free end lap. Both SEALLap and FASTLap are protected by a removable film for easy installation.



Polystick MTS PLUS

Self-Adhered High Temperature Underlayment for Metal, Tile & Shingles

- Approved for environments to 265°F
- Designed and approved for mechanically attached metal or tile roof systems
- Fiberglass reinforcement
- Split release film for easy application
- Slip resistant polypropylene film surface
- Exposure rating of to 180 days



Polystick XFR

Fire-Resistent Self-Adhered Underlayment

- Approved for environments to 265°F
- Patent pending Burn-Shield Technology™ provides superior fire resistance
- Fire spread/penetration and ember resistance in systems tested under UL 790
- Approved for application under metal roof panels, asphalt shingles and mechanically attached tiles
- Exposure rating up to 180 days



Polystick TU PLUS

Self-Adhered High Temperature Roof Underlayment

- Approved for environments to 265°F
- Designed and approved for mechanically fastened, and mechanically fastened foam or tile roof systems
- Non-wicking, high strength fabric surface providing superior slip resistance
- Exposure rating up to 180 days



Polystick TU MAX

Premium Self-Adhered High Temperature Roof Underlayment

- Approved for environments to 265°F
- Approved for foam and mechanically fastened roof tile applications
- High strength, reinforced polyester surface providing extreme tear resistance
- Slip resistant surface
- Exposure rating up to 180 days



Polystick TU P

Self-Adhered Roof Underlayment

- Designed and approved for foam and mechanically fastened roof tile applications
- 130 mils thick
- Polyester reinforced for advanced tear and puncture resistance
- Granular surface engineered for superior slip resistance
- Exposure rating up to 36 months



Polystick MU-X

Self-Adhered Film-Surfaced Roof Underlayment

- Approved for environments to 250° F
- Designed for metal roof and shingle application.
- Edge-to-edge, slip resistant polypropylene film surface
- Factory-applied lay lines
- Bi-directional installation
- Exposure rating up to 90 days

Polystick P

Self-Adhered High Temperature Roof Underlayment

- Approved for environments up to 250°F
- Designed and approved for mechanically attached metal, tile and shingle roof systems
- Split release siliconized paper for easy application
- Slid resistant surface
- Exposure rating up to 120 days



Polystick IR-Xe

Self-Adhered Ice & Water Protection Underlayment

- Ideal for full surface underlayment protection
- Approved for asphalt shingle application
- Designed for flashing details
- Provides exceptional ice and wind driven rain protection
- Fiberglass reinforced
- Sand and/or black mineral surface for slip resistance
- Available in shrink-wrapped packaging in 1 square and 2 square rolls

PRODUCT NAME	ASTM	HIGH TEMP	USE	REINFORCEMENT	SURFACE	NOMINAL THICKNESS MILS (MM)
Polystick IR-Xe	D1970		Shingle	Fiberglass	Mineral	60 (1.5)
Polystick MU-X	D1970	✓	Metal, Tile, Shingle	Fiberglass	Film	60 (1.5)
Polystick MTS PLUS	D1970	✓	Metal, Tile, Shingle	Fiberglass	Film	60 (1.5)
Polystick XFR	D 1970	✓	Metal, Tile, Shingle	Fiberglass	Film	80 (2.0)
Polystick TU MAX	D1970	✓	Tile, Shingle, Metal	Polyester	Polyester	60 (1.5)
Polystick TU PLUS	D1970	✓	Tile, Shingle, Metal	Fiberglass	Polyester	67 (1.7)
Polystick TU P	D1970		Tile, Shingle	Polyester	Mineral	130 (3.3)
Polystick P	D1970	✓	Metal, Tile, Shingle	n/a	Film	42 (1.07)

All values are nominal at time of manufacturing and properties are “as manufactured” unless otherwise noted. Coverages are nominal and approximate and can vary depending on application method and selvage configuration.

Warranty Protection

We stand behind our products with the most reliable warranties in the industry. Our warranty programs provide extended protection, assuring the optimum system performance is guaranteed. We continue to safeguard our customers’ assets after the installation with our warranty support.

Polystick Roof Underlayments meet or exceed industry code approvals*:

- ASTM
 - UL Classified
- ICC-ES
 - Miami Dade County Approved
- Florida Building Code
 - Texas Department of Insurance



*See product Data Sheets for product-specific approvals.

U.S. Patent No. 6,924,015

SEALLap!

09/10/00-04/19

- Apply products when the temperature is 40°F and rising.
- Remove film completely before application.
- Sheet must be rolled with 80 lb. roller.

AND WATERPROOF

ROOFING AND WATERPROOFING SYSTEMS



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