



SELF-ADHERED MODIFIED BITUMEN

For Low Slope Commercial & Residential Roofing





What is ADESO® Technology?

ADESO Technology revolutionized the modified bitumen industry by manufacturing dual-compound self-adhered (SA) 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. Polyglass versatile solutions deliver maximum roof design flexibility with a full range for project specifications.

Features & Benefits

- Labor savings with fast and clean installation
- Safe, no open flame application; may reduce insurance costs
- Dried-in fast; superior and immediate water-tight protection upon installation
- Versatile roof systems for commercial and residential projects
- Long-term warranty protection
- Adheres to a variety of substrates – Polyglass approves ADESO base sheet installation direct to ISO, no primer required
- Polyester or fiberglass reinforced

**7.5 billion square feet
produced and counting!**

Recognizing the need for a safer application method, Polyglass was the first to manufacture a proprietary self-adhesive compound in the US in the mid-1990's.



Dual Compound

Combines a true APP or SBS compound top weathering surface with an aggressive self-adhesive compound on the bottom surface. Polyglass' proprietary SA compound continues to out-perform competition, proven by third-party testing to provide superior adhesion.

FASTLap®



FASTLap®

Save time and labor with granule free end laps; install cap sheets faster without compromising performance. Protected by film which is removed prior to installation, FASTLap provides a smooth, clean surface to adhere consecutive rolls.



Competitor Granulated Cap Sheet



Polyglass FASTLap Granule Free End Laps



U.S. PATENT PENDING

**Remove film completely before application.
Remueva el plástico antes de instalación.**

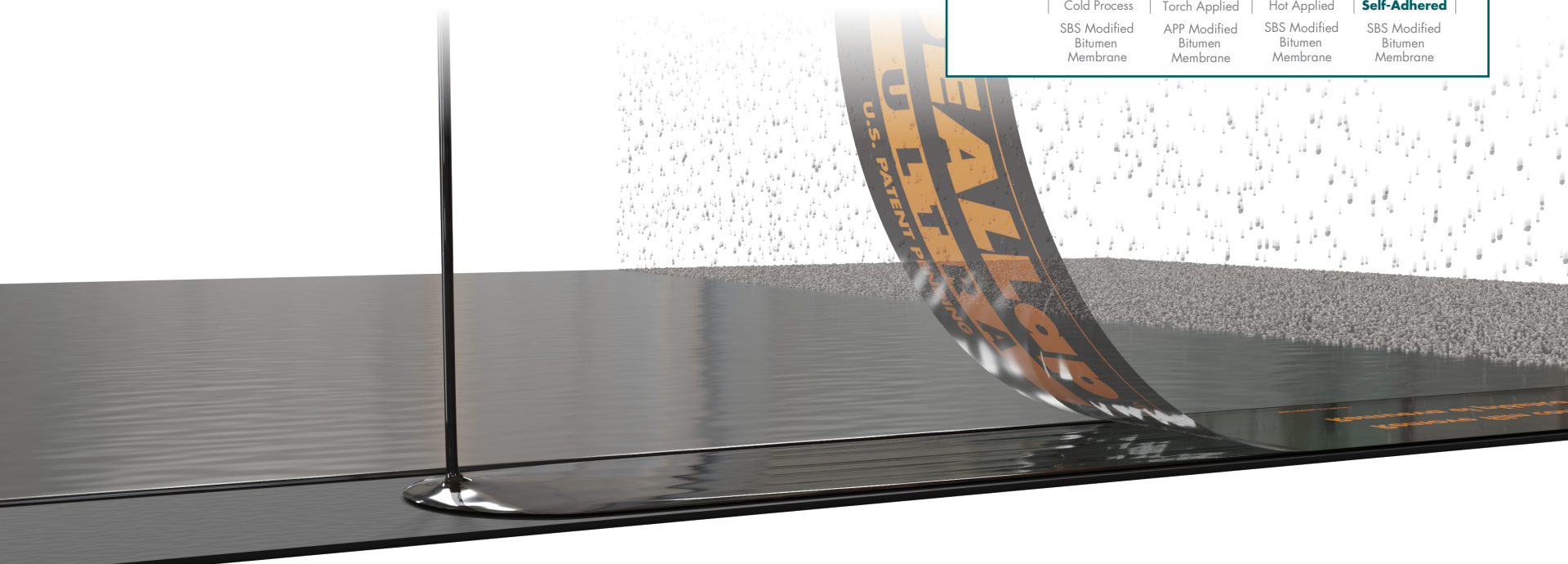
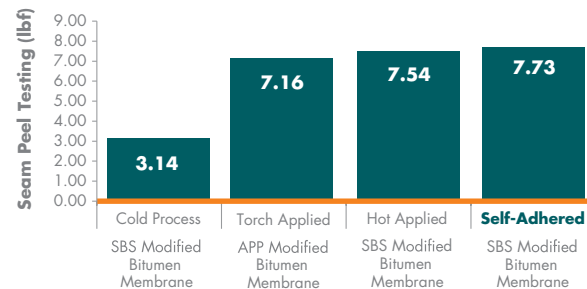
Remove film completely before application.
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SEALLap® ULTRA

Instant side lap bond, tested stronger than all other application methods. This bond forms a completely monolithic water-tight seal for long-term performance; by way of applying the same self-adhesive compound on the side lap of the membrane as on the bottom layer.

Guaranteed strongest shear strength at the side

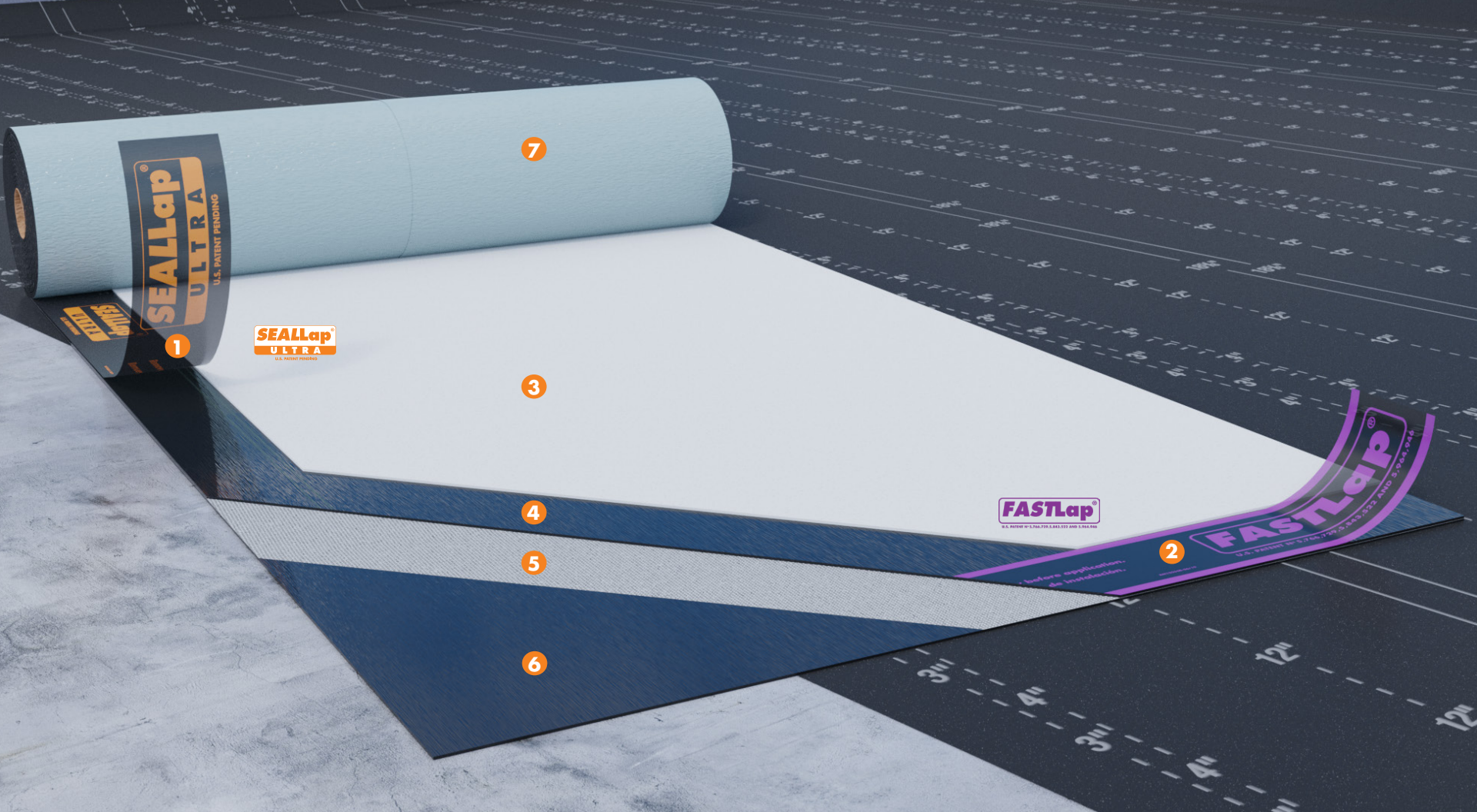




Multiple Surface Solutions

Allows a wide variety of surfacing options, providing solution for any roofing system need. Polyglass' premium quality roof systems are designed to provide better protection, greater reflectivity and the most cost efficient results for your projects.

- | | |
|-------------------------------|--------------------------|
| 1. SEALLap® ULTRA | 5. Reinforcement |
| 2. FASTLap® | 6. Self-Adhered Compound |
| 3. Multiple Surface Solutions | 7. Release Film |
| 4. True APP or SBS | |



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SEALLap[®]
ULTRA
U.S. PATENT PENDING

3

4

5

6

FASTLap[®]
U.S. PATENT W/ 5,746,779 P. 3,453,922 AND 5,946,944

2

FASTLap[®]
U.S. PATENT W/ 5,746,779 P. 3,453,922 AND 5,946,944

Why **POLYFRESKO** with CURE Technology?

Highly Reflective, Energy Efficient

Initial reflectivity above industry standards, eligible for LEED® points as part of qualified cool roof system

Durability

Increased abrasion and impact resistance, exceptional granule retention

Protection

As part of a Polyglass multi-ply system, Class A Fire Rating with extended warranties available

Safe and secure

Enhanced performance benefits without compromising the ease of installation

Stain-free

Polyfresko will not discolor over time, resistant to surface blemishes and dirt pickup



REFLECTIVITY



THIN FILM TECHNOLOGY




GRANULE ADHESION



STAIN-FREE



	Rated Product ID #: 0616-0011a		
		Initial	Aged
	Solar Reflectance	0.77	0.68
	Thermal Emittance	0.90	0.88
	The ratings above are subject to CRRC rating program conditions, requirements, and limitations. Visit coolroofs.org for important information and disclaimers about CRRC rating conditions, requirements, and limitations.		

Solar Reflectance Index (SRI) Initial: 96 Weathered: 82



It's not too cold yet... Roofing Season is officially extended with Polyglass!

Polyglass adds more options to the line of ADESO products with Elastoflex SA V Polar Base and Elastoflex SA P Polar Cap: low-temperature SBS membranes designed for cold weather applications (25° F – 60° F).

Elastoflex SA V Polar Base®

- Suitable for cold weather climates
- Base or interply for self-adhered and torch multi-ply systems
- High performance fiberglass reinforcement
- Excellent long-term adhesion
- Low temp flexibility

Elastoflex SA P Polar Cap®

- Features SEAllap® ULTRA and FASTLap®
- Reinforced with polyester mat for excellent puncture and tear resistance
- Suitable for cold weather climates
- Applied without open-flame torches, solvent-based adhesives or hot-asphalt, all which may be undesirable and/or prohibited
- UV stabilized, long-lasting granule surfacing
- Available in 2 colors: Black and White

Polyglass ADES Self-Adhered Membranes

Polyglass ADES Self-Adhered Membranes meet or exceed industry code approvals*:



Product Name	Modifier	Mat	ASTM	Nominal Thickness (mils) (mm)	UL	FM	ICC-ES	FBC	Miami Dade County	TDI	CRRC	Title 24
Base Sheets												
Elastobase SA	SBS	Fiberglass	D1970/D4601	65 mils (1.7 mm)	✓			✓				
Elastoflex SA Base	SBS	Polyester	D6164	100 mils (2.5 mm)	✓			✓				
Elastoflex SA V	SBS	Fiberglass	D1970/D6163	80 mils (2.0 mm)	✓	✓	✓	✓	✓	✓		
Elastoflex SA V FR	SBS	Fiberglass	D1970/D6163	80 mils (2.0 mm)	✓	✓	✓	✓	✓	✓		
Elastoflex SA V Plus	SBS	Fiberglass	D6163	100 mils (2.5 mm)	✓	✓	✓	✓	✓	✓		
Elastoflex SA V Plus FR	SBS	Fiberglass	D6163	100 mils (2.5 mm)	✓	✓	✓	✓	✓	✓		
Elastoflex SA V Polar Base	SBS	Fiberglass	D1970/D6164	80 mils (2.0 mm)	✓							
Elastoflex SA V Flashing Strips	SBS	Fiberglass	n/a	80 mils (2.0 mm)	✓		✓	✓		✓		
Cap Sheets												
Polyflex SA P	APP	Polyester	D6222	142 mils (3.6 mm)	✓	✓	✓	✓	✓	✓		
Polyflex SA P FR	APP	Polyester	D6222	142 mils (3.6 mm)	✓	✓	✓	✓	✓	✓		
Polyfresko G SA	APP	Polyester	D6222	150 mils (3.8 mm)	✓		✓	✓	✓	✓	✓	✓
Polyfresko G SA FR	APP	Polyester	D6222	160 mils (4.0 mm)	✓	✓	✓	✓	✓	✓	✓	✓
Elastoflex SA P	SBS	Polyester	D6164	140 mils (3.5 mm)	✓	✓	✓	✓	✓	✓		
Elastoflex SA P FR	SBS	Polyester	D6164	140 mils (3.5 mm)	✓	✓	✓	✓	✓	✓		
Elastoflex SA P Polar Cap	SBS	Polyester	D6164	140 mils (3.5 mm)	✓							
Polyfresko G SBS SA	SBS	Polyester	D6164	142 mils (3.6 mm)	✓		✓		✓	✓	✓	✓
Polyfresko G SBS SA FR	SBS	Polyester	D6164	142 mils (3.6 mm)	✓	✓	✓		✓	✓	✓	✓

*See Product Data Sheets for product-specific approvals.

Extended Warranty Protection with Polyglass' ADESO Membranes

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. Polyglass offers options to extend warranty terms when highly reflective roof coatings are added to the roof assembly. We continue to safeguard our customers' assets after the installation with our warranty support.

Warranty Length	Base Sheet	Interply Sheet	Cap Sheet
Self-Adhered Assemblies			
20 years	Elastoflex SA V Plus	Optional	Polyflex SA P, Elastoflex SA P, Polyfresko G SA, Polyfresko G SBS SA
25 years*	Elastoflex SA V Plus	Elastoflex SA V Plus	Any Polyglass SA Cap Sheet
30 years*	Elastoflex SA V Plus	Elastoflex SA V Plus	Polyfresko G SA
Hybrid Self-Adhered/Torch Assemblies			
20 years	Elastoflex SA V Plus	Optional	Premium Torch Cap Sheet
25 years*	Elastoflex SA V Plus	SA V Plus or Torch Interply Sheet	Premium Torch Cap Sheet
30 years*	Elastoflex SA V Plus	SA V Plus or Torch Interply Sheet	Polyfresko G (torch)

*Available only to Polyglass Preferred and Quantum Contractors.



POLYGLASS®



POLYGLASS U.S.A., Inc.

1111 West Newport Center Drive
Deerfield Beach, FL 33442
pgmarketing@polyglass.com
Customer Service: (800) 222-9782

polyglass.us

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