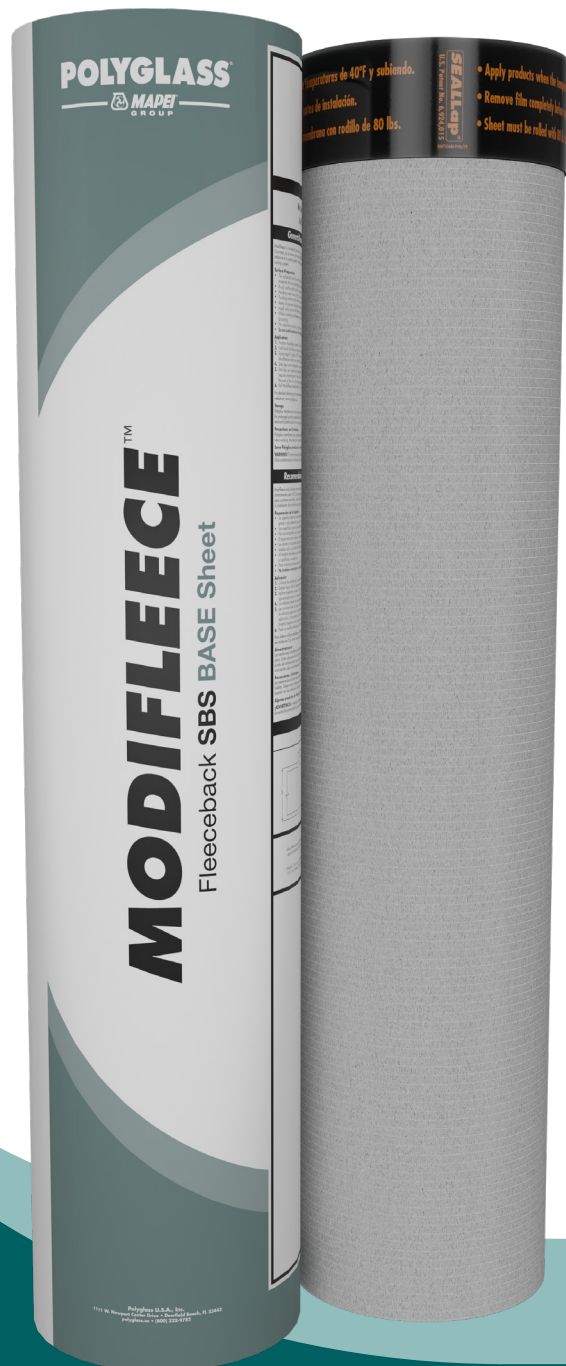


# POLYGLASS®



# MODIFLEECE™

## Fleeceback SBS Base Sheet



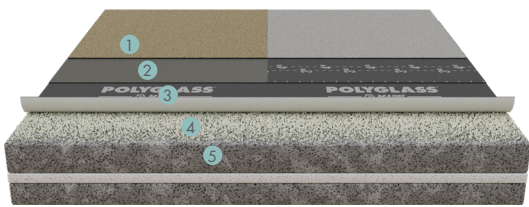
## MODIFLEECE™

Fleeceback SBS (Elastomeric) Base Sheet

Modifleece™ is a fleece-backed Styrene-Butadiene-Styrene (SBS) modified bitumen roofing membrane base sheet for use in multi-ply low-slope roofing systems. Utilizing a unique patent pending laminating process, a specially formulated dual compound is integrated into the polyester fabric to create a monolithic bond between the two components.

The self-adhered side laps are protected with a release film which is removed at the time of application, exposing the aggressive self-adhered SBS compound which provides immediate watertight seams. The proprietary SBS top compound offers quality waterproofing and weathering physical properties while the polyester fleece bottom surface allows application to multiple substrates by using Polyglass low rise foam adhesive.

### Lightweight Insulating Concrete (LWIC) Application



1. Polyglass Self-Adhered or Torched Cap
2. Polyglass Self-Adhered or Torched Interply (Optional)
3. **Modifleece™**
4. Polyglass Low Rise Foam Adhesive (Spatter Applied)
5. Lightweight Insulating Concrete Deck

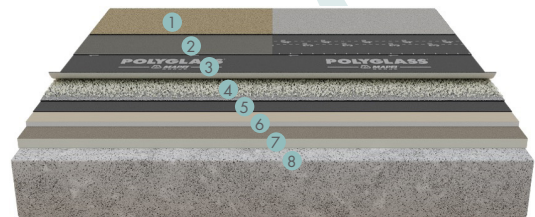
### Features/Benefits

- Superior wind uplift direct to lightweight concrete
- Non penetrating system - No fasteners needed
- Adhesive set application – Quick dry-in of building
- Variety of interply and cap sheet options
- No fasteners = faster application + better performance

### Warranty

System warranties available up to 30 years. Refer to Polyglass published specifications and details for additional warranty information and specific requirements.

### Recover Application



1. Polyglass Self-Adhered or Torched Cap
2. Polyglass Self-Adhered or Torched Interply (Optional)
3. **Modifleece™**
4. Polyglass Low Rise Foam Adhesive (Spatter Applied)
- 5-8. Existing Modified Asphalt Roof System

### Features/Benefits

- Extend life of existing roof systems and avoid costly tear-offs – increase warranty coverage
- Minimize disposal and landfill costs
- Use over existing APP/SBS modified asphalt substrates
- Superior wind uplift direct to existing modified asphalt roof
- Variety of interply and cap sheet options



## Complementary Products

| System Components                |  |
|----------------------------------|--|
|                                  | Size   |
| Elastoflex SA V Flashing Strips  | 9" x 66'   |
| Polyglass Low Rise Foam Adhesive | Set of 2 pressurized cylinders in cartons with standard dispensing tools |

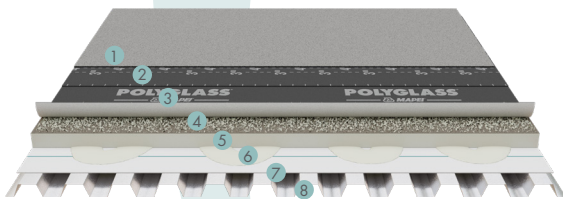
## Recommended Membrane Options

|           | Torch                                |                              |
|-----------|--------------------------------------|------------------------------|
|           | SBS                                  | APP                          |
| Interply  | Elastoflex S6                        | Polyflex®                    |
| Cap Sheet | Elastoflex S6 G<br>Polyfresko® G SBS | Polyflex® G<br>Polyfresko® G |

|           | Self-Adhered                             |                                   |
|-----------|--|-----------------------------------|
|           | SBS                                      | APP                               |
| Interply  | Elastoflex SA V/<br>Elastoflex SA V Plus | N/A                               |
| Cap Sheet | Elastoflex SA P<br>Polyfresko® G SBS SA  | Polyflex SA P<br>Polyfresko® G SA |



### Metal Deck with Vapor Barrier Application

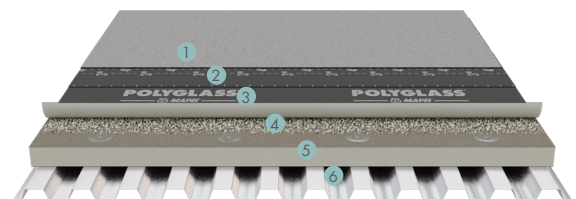


1. Polyglass Self-Adhered or Torched Cap
2. Polyglass Self-Adhered or Torched Interply (Optional)
3. **Modifleece™**
4. Polyglass Low Rise Foam Adhesive (Spatter Applied)
5. Polytherm Insulation
6. Polyglass Low Rise Foam Adhesive (Ribbons)
7. PolyVap SA S (Self-Adhered Vapor Barrier)
8. Metal Deck

#### Features/Benefits

- Superior wind uplift over metal deck
- Non penetrating system - No fasteners needed
- Self-adhered vapor barrier for quick dry-in and vapor control
- Variety of interply and cap sheet options

### Metal Deck Application



1. Polyglass Self-Adhered or Torched Cap
2. Polyglass Self-Adhered or Torched Interply (Optional)
3. **Modifleece™**
4. Polyglass Low Rise Foam Adhesive (Spatter Applied)
5. Polytherm Insulation (Mechanically Attached)
6. Metal Deck

#### Features/Benefits

- Superior wind uplift over metal deck
- Simple, efficient installation
- Variety of interply and cap sheet options



## Installation Instructions

1. Position Modifleece membrane panels in “shingle” fashion so seams shed water.
2. Fold back Modifleece membrane in “butterfly” fashion exposing fleece backing
3. Spray-apply Polyglass low-rise foam adhesive in spatter pattern to the substrate and allow foam to set approximately 1-2 minutes prior to setting Modifleece membrane into the Polyglass low-rise foam adhesive. Ensure adhesive does not skin over before placing membrane.
4. Overlap the side laps and remove the release film, exposing the self-adhesive surface. Roll the Modifleece membrane with a 35-pound weighted roller to ensure full embedment. Firm push brooming or a 75-pound roller are also acceptable.
5. Butt the end laps and seal with nine inch (9”) wide Elastoflex SA V Flashing Strips. Roll all self-adhered laps with a silicone roller.

**MODIFLEECE™** is ideally suited for application directly over irregular or semi-rough surfaces such as Lightweight Insulating Concrete (LWIC) and re-cover over existing modified bitumen roofing systems and in areas where superior wind uplift resistance is required. Modifleece™ is applied using Polyglass low rise foam adhesive in a spatter pattern while the top film surface offers application of a variety of Polyglass self-adhered or torched membranes.

For detailed drawings and recommended installation procedures of typical roof segments, such as end laps, drip edge and T-joint conditions, and field code changes, please refer to our website at [www.polyglass.us](http://www.polyglass.us).

### Acceptable Substrates

- Decks: Wood, Gypsum, Structural Concrete, Lightweight Insulating Concrete (LWIC)
- Insulation & Coverboards: Polyboard E, Polyiso, Polyiso (CGF), XPS, DensDeck Prime, Securock
- Membranes: Smooth BUR, Smooth SBS, Granular SBS, Granular APP, Polyvap SA series vapor barriers
- Contact Polyglass Technical Services regarding other substrates

| Product Data               |                              |
|----------------------------|------------------------------|
| Net Coverage (Approx) .... | 150 ft2 (13.9 m2)            |
| Weight (Approx) .....      | 73 lbs (33 kg)               |
| Thickness (Nominal) .....  | 100 mils (2.5 mm)            |
| Roll Size .....            | 49'3" x 39 3/8" (15 m x 1 m) |
| Rolls/Pallet .....         | 25                           |

### Features and Benefits

- Versatile: over semi-rough/irregular substrates; under torch or self-adhered APP/SBS cap sheets
- Tough polyester reinforced bottom surface fabric provides strong foam adhesive bond for higher wind uplift resistance
- Provides a strong and durable waterproofing substrate for other roofing membrane plies
- Quick dry-in adhered non-penetrating system: no fasteners needed
- Cost effective and efficient recover option on occupied buildings
- Easy to install self-adhered side laps with immediate watertight seal



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