

**BITEC® Elasto GL 2 P/S is a premium quality, fiberglass reinforced, SBS modified bitumen base ply or interply, manufactured using a time-proven, proprietary blend of select asphalts and polymers with minimal use of fillers and additives. Elasto GL 2 P/S is designed for hot asphalt or cold adhesive application with heat welding / torch application on the top surface in commercial roof membrane configurations.**

### FEATURES & BENEFITS

BITEC Elasto GL 2 P/S also provides the following features and benefits:

- Meets or exceeds the criteria of ASTM D6163 (Type I, Grade S) Standard Specification for Styrene Butadiene Styrene (SBS) Modified Bituminous Sheet Materials Using Glass Fiber Reinforcements
- A durable bitumen blend with excellent waterproofing capabilities
- Reinforced with a notably strong fiberglass mat for superior dimensional stability and tensile strength

### PACKAGING

Roll package: Two labeled plastic bands

Rolls per pallet: 20

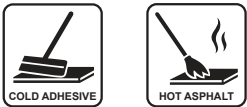
Pallets per truckload (typical): 18

### APPROVALS

STANDARD SPECIFICATION(S):

ASTM D6163, TYPE I, GRADE S

### APPLICATION



Elasto GL 2 P/S must be fully adhered - it can either be hot mopped in Type III or IV asphalt or applied using a notched squeegee in BITEC PMA-186 Polymer Modified Adhesive. Elasto GL 2 P/S functions as either a base ply or an interply in modified bitumen roofing systems. When installing the cap ply, the cap ply must be torch applied. Please refer to the BITEC Roofing Products Installer's Guide for detailed application guidelines.

**As with any roofing project, good roofing practices should always be followed.**

### STORAGE & HANDLING

Store the Elasto GL 2 P/S rolls in their original containers with labels unbroken in a clean, dry, protected location and

within the temperature range required to provide for proper application. Keep rolls stored upright on their original pallet. Never lay rolls down or stack materials on top of the rolls. Avoid dropped rolls on the edges to avoid potential deformation that can affect their ability to roll out evenly. Handle and place roofing materials and equipment in a manner to avoid permanent deflection of the deck.

### PRECAUTIONS

BITEC SBS membranes are not recommended for use over coal tar or pitch roofs unless the existing deck is separated by a minimum 1/2" thick, mechanically attached recover board. BITEC does not allow the use of plastic roofer's cement with any of its membranes.

Safety first! The roofing contractor and employees are the key to success regarding safety. Safety should always be first! Read all label information, SDS, and precautions before using. For safety information on our products, please visit [www.bitec.com](http://www.bitec.com).

Technical Schedule		
3rd Party Independent: (NEMO ETC   SGS SA   Element Materials Technology)		
Design Standard	Type I, Grade S	
Reinforcement	Fiberglass	
Polymer / Modifier	SBS	
Coverage (nominal)	150 ft <sup>2</sup> (13.9 m <sup>2</sup> )	
Coverage	144 ft <sup>2</sup> (13.4 m <sup>2</sup> ) installed	161 ft <sup>2</sup> (15.0 m <sup>2</sup> ) / roll
Roll Dimensions	49.2' (15.0 m) length	3.28' (1.0 m) width
Weight	100 lbs (45.4 kg) / roll	
Membrane Surfacing	Top: Polyethylene film	Bottom: Coal slag
Selvage Width	4" (10.16 cm)	
Selvage Surfacing	Coal slag	
Thickness	2 mm (nominal)	
<b>Average Results Reported Below:</b>		
	<b>Test Direction</b>	
	<b>MD</b>	<b>XMD</b>
Tensile	97 lbf	82 lbf
Elongation	4%	4%
Penetration	40 dmm @ 25°C	
Slide	<40 mils (<1 mm)	
Cold Flexibility	Pass @ -45°F (-42.7°C)	
Dynamic Puncture	Pass	
Static Puncture	Pass	

ASTM D6163

ASTM D5147

ASTM D5635

ASTM D5602

All information is given in good faith but normal tolerances of manufacture and testing will apply. BITEC reserves the right to improve and change its products at any time without prior notice or advice. The use of BITEC products is determined by local conditions and individual requirements of each contract. In consideration of the many factors involved, BITEC cannot be held responsible for the improper application of its products and for conditions beyond its control. All claims filed against BITEC warranties will be subject to the provisions set forth at the date of the warranty issuance, and any addendum thereto. Under no circumstances will BITEC be held liable for any damage, whether personal injury or property damage, which occur during or after the application of any BITEC products.

BITEC, Inc.  
 PO Box 497  
 #2 Industrial Park Dr  
 Morrilton, AR 72110  
 Phone: (800) 535-8597  
 Fax: (501) 354-3019  
[www.bitec.com](http://www.bitec.com)



Copyright BITEC, Inc.  
 Revision Date 01/2026