



# DuraFlex® SBS POLYBASE

## PRODUCT DATA SHEET

**DuraFlex® SBS PolyBase** is a tough smooth surfaced, premium SBS (Styrene-Butadiene-Styrene) mop or cold applied membrane. Manufactured with a non-woven polyester mat and fiberglass strands for enhanced dimensional stability, high tear strength and puncture resistance. It is saturated and coated with high quality, asphaltic bitumen and SBS elastomers for a durable, flexible and easily maintainable membrane. It is designed for use as a base sheet or interply sheet in modified bitumen and built-up roof systems.

| Physical Properties (ASTM D5147):            | Test Results   | ASTM D6164 Minimum Standard |
|--|----------------|-----------------------------|
| Tensile Strength (lbf/in), 0°F (MD/XMD)      | 153/113 lbf/in | 70 lbf/in                   |
| Tensile Strength (lbf/in), 73°F (MD/XMD)     | 113/79 lbf/in  | 50 lbf/in                   |
| Elongation (% @ Max Load), 0°F (MD/XMD)      | 45/44 %        | 20%                         |
| Elongation (% @ Max Load), 73°F (MD/XMD)     | 50/52 %        | 35%                         |
| Elongation (% @ 5% Max Load), 73°F (MD/XMD)  | 65/80 %        | 38%                         |
| Tear Strength (lbf), (MD/XMD), 73°F, minimum | 152/122 lbf    | 55 lbf                      |
| Low Temperature Flexibility, (°F), maximum   | 0°F (-18°C)    | 0°F                         |
| Dimensional Stability, %, maximum            | <0.2%          | 1%                          |
| High Temperature Stability, (°F)             | 250°F (121°C)  | 215°F                       |

**Product Data:** DuraFlex® SBS PolyBase (typical)

**Thickness:** 2.3 mm (90 mils)

**Weight:** 88 lbs/roll (40 kg/m<sup>2</sup>)

**Roll Dimensions:** 39 3/8" x 49' 1" (1m x 15m)

Each roll is approximately 161 sq. ft. unapplied

**Green Standards Information:** DuraFlex® SBS PolyBase contains approximately 29% of recycled materials by product weight. 4.5% of materials are comprised of post-consumer recycled materials and 24.5% of materials are comprised of pre-consumer recycled materials. The post-consumer recycled materials are derived from recycled post-consumer plastics which averts disposal in landfills or commercial dumps. The pre-consumer recycled materials are derived from reclaimed non-hazardous coal combustion by-product waste which averts disposal of coal by-product waste in landfills or commercial dumps.

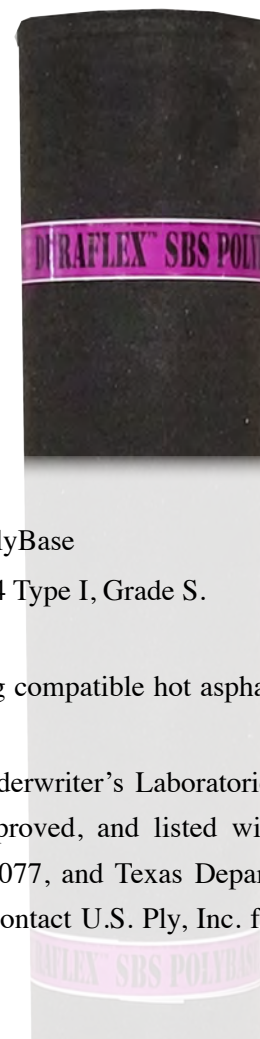
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**Product Name:** DuraFlex® SBS PolyBase

**Classification:** Meets ASTM D 6164 Type I, Grade S.  
SBS Modified Bitumen Base Sheet

**Application Method:** Applied using compatible hot asphalt or SBS cold adhesive

**Approvals:** UL Classified with Underwriter's Laboratories (UL), is Factory Mutual (FM) Approved, and listed with Florida Building Code (FBC) FL-8077, and Texas Department of Insurance (TDI) RC-123. Contact U.S. Ply, Inc. for specific/applicable codes.



**PROUDLY**  
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