

# Product Data Sheet

# SAFEWELD® APP BASE

<u>Physical Properties (ASTM D5147):</u>	<u>Test Results</u>	<u>ASTM D6509 Minimum Standard</u>
Tensile Strength (lbf/in), 0°F (MD/XMD)	100/90 lbf/in	60 lbf/in
Tensile Strength (lbf/in), 73°F (MD/XMD)	87/72 lbf/in	50 lbf/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	4/4%	1%
Elongation (% @ Max Load), 73°F (MD/XMD)	3/3%	2%
Elongation (% @ 5% Max Load), 73°F (MD/XMD)	5/6%	3%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	95/80 lbf	70 lbf
Low Temperature Flexibility, (°F), maximum	32°F (0°C)	32°F
Dimensional Stability, %, maximum	<0.5%	1%
High Temperature Stability, (°F)	230°F (110°C)	230°F

SafeWeld® APP Base is a durable smooth surfaced, premium APP (Atactic-Polypropylene) cold adhesive applied membrane. Manufactured with a strong fiberglass mat that is saturated and coated with a premium quality, non-blown asphaltic bitumen and APP resins for a durable, heat resistant, flexible and easily maintainable membrane. It is designed for use as a base sheet or interply sheet in cold applied or heat welded APP modified bitumen roof systems.

**Product Name:** SafeWeld® APP Base

**Classification:** APP Modified Bitumen

**Application Method:** SafeWeld® APP Base is applied using USP® 901 Modified Adhesive, heat welded or mechanically fastened where appropriate.

**Approvals:** Meets ASTM D 6509. SafeWeld® APP Base is UL Classified with Underwriter's Laboratories (UL), is Factory Mutual (FM) Approved, and listed with Florida Building Code (FBC) FL-14405, and Texas Department of Insurance (TDI) RC-123. Contact U.S. Ply, Inc. for specific/applicable codes.

**Product Data:** SafeWeld® APP Base (typical)

Thickness: 2.0 mm (94 mils)

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

Roll Dimensions: 39 3/8" x 65' 6" (1m x 20m).

Each roll is approximately 2 squares applied.

All values given are approximate and are subject to change without notice. There is no implied or express warranty given through these values or statements, nor are there any assertions that the product purchased has been individually tested to conform to these standards. Testing is performed on a random basis by "in-house" and independent "third party" evaluation for the purpose of classification and or approval. Acceptance, purchase and selection of these products are the sole responsibility of the buyer or buyer's representative. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY U.S. PLY, INC. EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.



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