

SAFEWELD™ APP BASE

Technical Data Sheet

Product Name: SAFEWELD™ APP BASE

Classification: APP Modified Bitumen Roof Membrane

Product Description: SAFEWELD™ APP BASE is a durable smooth surfaced, premium APP (Atactic Polypropylene) cold adhesive applied/hot-air weld membrane. Manufactured with a strong fiberglass mat that is saturated and coated with premium quality, non-blown asphaltic bitumen and APP resins for a durable, heat resistant, flexible and easily maintainable membrane. The top and the bottom surfaces of the sheet are lightly talced to enable the membrane to be applied with SAFEWELD™ APP Modified Adhesive with hot-air heat welded seams or by mechanical fasteners where appropriate. It is designed for use as a base or interply membrane in cold applied APP modified bitumen roof systems.

Application Method: SAFEWELD™ APP BASE is applied using SAFEWELD™ APP Modified Adhesive or by mechanical fasteners where appropriate.

Approvals: Meets ASTM D 6509. Contact U.S. Ply, Inc. for specific/applicable codes.

Product Data: SAFEWELD™ APP BASE (typical)

Thickness: 2.4 mm (94 mils)

Weight: 80 lbs/roll (36.2 kg/m²)

Roll Dimensions: 39-3/8" x 49' 1" (1m x 15m). Each roll is approximately 160 sq. ft.

Physical Properties (ASTM D 5147):

Test Results

Tensile Strength (lbf/in), 0°F, (MD/XMD)	100/90
Tensile Strength, 73°F, (MD/XMD)	87/72
Elongation (% @ Max Load), 0°F, (MD/XMD)	4%
Elongation (% @ Max Load), 73°F, (MD/XMD)	3%
Elongation (% @ 5%, Max Load), 73°F, (MD/XMD)	5/6
Tear Strength, (MD/XMD), 73°F, minimum	95/80
Low Temperature Flexibility, (°F), maximum	32°F (0°C)
Dimensional Stability, % , maximum	< 0.5%
High Temperature Stability, (°F)	230°F (110°C)
Water Absorption, %, maximum	< 0.5%
Moisture Content, %, maximum	< 0.5%

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.

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