

Product Data Sheet

DURAWELD® 4MFR APP Color: ULTRA WHITE

DuraWeld® 4MFR APP is a durable, fire-resistant, premium APP (Atactic-Polypropylene) torch applied membrane with a high reflective white granule. Manufactured with a strong non-woven polyester 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 cap sheet in modified bitumen roof systems.

<u>Physical Properties (ASTM D5147):</u>	<u>Test Results</u>	<u>ASTM D6222 Minimum Standard</u>
Tensile Strength (lbf/in), 0°F (MD/XMD)	135/115 lbf/in	60 lbf/in
Tensile Strength (lbf/in), 73°F (MD/XMD)	114/85 lbf/in	50 lbf/in
Elongation (% @ Max Load), 0°F, (MD/XMD)	52/56%	10%
Elongation (% @ Max Load), 73°F (MD/XMD)	47/47%	23%
Elongation (% @ 5% Max Load), 73°F (MD/XMD)	52/53%	30%
Tear Strength (lbf), (MD/XMD), 73°F, minimum	134/122 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
Water Absorption, %, maximum	pass	<3.2%
Moisture Content, %, maximum	pass	<1%
Granule Embedment, g, maximum	<1.5 g	<2.0 g
<u>Solar Reflectance Information:</u>	<u>Initial</u>	<u>Weathered</u>
Solar Reflectance	0.83	Pending
Thermal Emittance	0.90	Pending
Solar Reflectance Index	104	Pending
CRRC Rated Product ID	0872-0010	

Product Name: DuraWeld® 4MFR APP Color: Ultra White

Classification: APP Modified Bitumen

Application Method: DuraWeld® 4MFR APP is applied using torch welding techniques.

Approvals: Meets ASTM D 6222 Type I, Grade G. DuraWeld® 4MFR APP is UL Classified with Underwriter's Laboratories (UL), is Factory Mutual (FM) Approved, and listed with Florida Building Code (FBC) FL-14405, Texas Department of Insurance (TDI) RC-123, and is Miami-Dade County Approved. DuraWeld® 4MFR APP with Ultra White color granule is CRRC Rated. Contact U.S. Ply, Inc. for specific/applicable codes.

Product Data: DuraWeld® 4MFR APP (typical)

Thickness: 4.3 mm (170 mils)

Weight: 105 lbs/roll (48 kg/m²)

Roll Dimensions: 39 3/8" x 32' 9" (1m x 10m). Each roll is approximately 1 square applied.

Green Standards Information: DuraWeld® 4MFR APP contains approximately 3.2% of recycled materials by product weight. Materials are comprised of post consumer recycled materials. The post consumer recycled materials are derived from recycled post consumer plastics which averts disposal in landfills or commercial dumps.

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representative. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product.

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