

HYDRASHELL™ PREMIUM

HydraShell Premium underlayment is among the safest, strongest, and best-performing underlayments on the market. Woven of heavyweight polymer fabric, HydraShell™ Premium offers superior strength and durability, dynamic steep-slope traction, water resistance, a wrinkle-free surface, and resistance to UV-breakdown. The textured Fiber Claw™ woven fabric surface offers dynamic traction and is ideal for steep slopes in a variety of weather conditions. HydraShell™ Premium is rated for commercial and residential applications using plastic caps and roofing nails (3/8" head), and is an ideal roof underlayment for asphalt shingles, metal, tile, slate, and a variety of other sloped roofing materials.

Features and Benefits

- ◆ Safer: Skid-resistant polymer coating and proprietary Fiber Claw™ walking surface offers dynamic steep slope traction.
- ◆ Stronger: HydraShell™ Premium is stronger than Type 15 or 30 felt and easier to handle during installation.
- ◆ Lighter: HydraShell™ Premium is lighter than Type 15 or 30 felt and easier to handle during installation.
- ◆ Simpler to apply: HydraShell™ Premium installs quickly, easily and with less risk. It's lighter, stronger and covers more area.
- ◆ Won't buckle, warp, or crack: Superior lay-flat properties and water resistance keeps HydraShell™ Premium from warping, wrinkling, and cracking in cold weather.
- ◆ Warranty: Lifetime limited warranty applies to HydraShell™ Premium. Contact Marco for more details.

Roll Size

- ◆ 48" X 250' (1.22m X 76.20m)

Properties

Property	Standard	UOM
Tensile Strength (MD/CD)	ASTM D 882	MD 126 / CD 92
Tear Resistance	ASTM D 4533	MD 41 / CD 37
Rupture Resistance	ASTM D 3462-02 (LBF)	87
Beach Puncture	ICC AC-08	Pass
Long Term Sag	ICC AC-08	Pass
Liquid Water Transmission	ASTM D 4869-02	Pass
Ultra Violet Aging	ICC-ES AC 188	Pass
Accelerated Aging	ICC-ES AC 188	Pass

Test data is based on average results and should not be considered or interpreted as minimum or maximum values. Values are typical data and not limiting specifications.



ESR-1293



Code & Standard Compliance

- ◆ ASTM D 226, Type 1 & 2: Standard Specification for Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing
- ◆ ICC-ES AC 188 (ESR-1293): Acceptance Criteria for Roof Underlayments
- ◆ CSA A 123.3, Type I & II: Asphalt Saturated Organic Roofing Felt
- ◆ ASTM E 108 - Class A: Standard Test Methods for Fire Tests of Roof Coverings
- ◆ CSA A 220.1: Acceptance Criteria for Concrete Roof Tile
- ◆ FBC #8700-R2



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