

# HYDRASHELL™ PREMIUM SA

HydraShell™ Premium Self-Adhering (SA) Product, with its high-performance adhesive and trusted manufacturing technology, is a premium grade underlayment. It is one of the strongest, most reliable and best-performing self-adhered roof underlayments on the market.

This product is unrivaled in its ease of application, requires no back nailing in the field of the roof, does not require priming at low temperatures and remains stable at extreme temperatures.

It meets or exceeds code requirements and industry nail sealability tests, and offers the most walkable surface in the industry with its proprietary Fiber Claw™ woven fabric surface. The HydraShell™ Premium SA is rated for commercial and residential applications and is an ideal self-adhering underlayment for projects subject to ice-damming and severe weather.

## Features and Benefits

- ◆ Versatile: HydraShell™ Premium SA meets code requirements for initial tack at 0° F and has a high adhesive melt point at 280° F, making it the most versatile choice for a wide range of products.
- ◆ Next-Generation: HydraShell™ Premium SA has the widest functional temperature range of any self-adhered underlayment, creating a continuous water-shedding surface without nailing.
- ◆ Lighter: HydraShell™ Premium SA is up to four times lighter than competitive products, making it easier to handle during all installation stages.
- ◆ Stronger: HydraShell™ Premium SA is stronger than competitive products, will not delaminate and is resistant to tearing and stretching.
- ◆ Better Coverage: Comes in a 48" net 2 sq roll, saving labor costs and improving coverage.
- ◆ Reliable: Proprietary Fiber Claw™ walking surface offers dynamic steep slope traction.
- ◆ Warranty: Lifetime limited warranty applies to HydraShell™ Premium SA. Contact Marco for more details.

## Roll Size

- ◆ 48" X 53.3' (1.22m X 16.25m)

## Competitive Information

 HYDRASHELL PREMIUM SA

**Other Peel & Stick Underlayment**

	HYDRASHELL PREMIUM SA	Other Peel & Stick Underlayment
Thermal Stability	Best	Average
Min. Application Temperature	Lowest	Average
Walking Surface	Excellent	Poor to Average
Weight Per Two-Square Roll	20 lbs	50-70 lbs
Roll Width	48"	36"-40"
UV-Exposure Rating	180 Days	30-90 Day on Average
Back Nailing Required	No	Yes
Necessary to Prime in Colder Weather	No	Yes

## Properties

Property	Test Method	Typical Property
Product Width	Internal (inches)	48
Maximum UV Exposure <sup>2</sup>	Interval (days)	180
Basis Weight	ASTM D 5261 (lbs/MSF)	100
Thickness	ASTM D 1970 (mils, 0.001")	22
Adhesion to Plywood	ASTM D 1970 (lbf/inch)	6.8
Adhesion Melt Point	ASTM E 28 (degrees Fahrenheit)	280
Flexibility Temperature	ASTM D 1970 (degrees Fahrenheit)	-20
Nail Sealability	ASTM D 1970	Pass



Test data is based on average results and are not limiting specifications. Normal manufacturing variation may produce results 10% above or below typical data and should not be considered or interpreted as minimum or maximum values.

## Code & Standard Compliance

- ◆ ICC-ES AC48:  
Acceptance Criteria for Roof Underlayment For Use in Severe Climate Areas
- ◆ CSA A220.1:  
Installation of Concrete Roof Tile



Value through the Roof.

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