



HydraShell™ Premium SA



Product Highlights

HydraShell™ Premium SA, with its high-performance makes it one of the strongest, most reliable and best-performing synthetic self-adhered roof underlayments on the market. It 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 a proprietary Fiber Claw™ woven fabric surface. 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

- **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.
- **Lighter:** HydraShell™ Premium SA is up to four times lighter than competitive products, making it easier to handle during all stages of installation.
- **Stronger:** HydraShell™ Premium SA is remarkably stronger than competitive products, will not delaminate and is resistant to tearing and stretching.
- **Better Coverage:** HydraShell™ Premium SA 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.
- **Code and Standard Compliance:**
 - ICC-ES AC48 Acceptance Criteria for Roof Underlayment for use in Severe Climate Areas
 - CSA A220.1: Installation of Concrete Roof Tile
- **Warranty:** A limited lifetime warranty applies to HydraShell™ Premium SA.
- **Roll Size:** 48" x 53.3' (1.22m X 16.25m)

Product Specifications

| Property | Test Method | Typical Property | | HydraShell™ Premium SA | Other Peel & Stick Underlayments |
|----------------------------------|----------------------------------|------------------|--------------------------------------|------------------------|----------------------------------|
| Product Width | Internal (inches) | 48 | Thermal Stability | Best | Average |
| Maximum UV Exposure ² | Interval (days) | 180 | Min. Application Temperature | Lowest | Average |
| Basis Width | ASTM D 5261 (lbs/MSF) | 100 | Walking Surface | Excellent | Poor to Average |
| Thickness | ASTM D 1970 (mils, 0.001") | 22 | Weight per Two-Square Roll | 20 lbs | 50-70 lbs |
| Adhesion to Plywood | ASTM D 1970 (lbf/inch) | 6.8 | Roll Width | 48" | 36"-40" |
| Adhesive Melt Point | ASTM E 28 (degrees Fahrenheit) | 280 | UV-Exposure Rating | 180 days | 30-90 days on Average |
| Flexibility Temperature | ASTM D 1970 (degrees Fahrenheit) | -20 | Back Nailing Required | No | Yes |
| Nail Sealability | ASTM D 1970 | Pass | Necessary to Prime in Colder Weather | No | Yes |



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