



HydroShield
Ice and Water Barrier

SELF-ADHERED ROOFING UNDERLAYMENTS

Dependable protection. Easy installation.

Wind-driven rain and ice damming are no match for **Hydroshield® Ice and Water Shield** Self-Adhered Shingle Underlayment. The exceptional performance **Hydroshield® Ice and Water Shield** provides helps prevent water penetration at the most vulnerable areas of steep-slope roofs.

Proven by decades of satisfied professionals and backed by the industry's toughest testing, the dependable quality of **Hydroshield® Ice and Water Shield** helps take the worry out of the job with performance you can trust.

Features and Benefits



Self-seals around nails and fasteners for lasting watertightness



Sand-surfaced for reliable foot grip and safer installation



Split-back release liner for easier handling during application



Shrink-wrap packaging for better product protection during storage in various weather conditions compared to corrugated boxes



Exceptional tear resistance and extended exposure time for all-season performance



Hydroshield® Ice and Water Shield provides a secondary line of defense to keep water that can get behind shingles from infiltrating further to help ensure the longevity of your roof.

Why are self-adhered underlayments needed?

Sloped roofs are designed to shed water. Underlayments provide waterproofing protection allowing for proper water flow while protecting vulnerable areas of the roof.

Underlayments can be required by local building codes, especially in northern climates when average January temperatures are 25° F (3.8° C). They provide protection from water migration caused by ice damming.

We've got you covered

With direct-to-deck application, **Hydroshield® Ice and Water Shield** is designed to offer protection in vulnerable areas of steep-slope roofs:

- At eaves, valleys and rakes
- Roof-to-wall connections
- Flashing around chimneys and skylights
- Roof vents and other penetrations
- Full deck coverage

Learn more about HydroShield® Building Products at hydroshieldbuildingproducts.com

Hydroshield® Ice and Water Shield meets or exceeds requirements of ASTM D1970 as outlined below.

Physical properties

Surfacing	Sand
Composition	Modified-Asphalt Fiberglass Reinforced Membrane
Thickness, nominal	57 mils

Performance properties	Requirement	Test method
Maximum load, MD/XD	Min. 25 lbf/in-width	ASTM D2523 ASTM D1970
Elongation at break, MD/XD - Modified-Asphalt Portion	Min. 10%	ASTM D2523 ASTM D1970
Tear resistance, MD/XD	Min. 20 lbf	ASTM D4073 ASTM D1970
Adhesion to plywood at 40° F	Min. 2 lbf/ft-width	ASTM 903
at 75° F	Min. 12 lbf/ft-width	ASTM D1970
Nail sealability	Pass	ASTM D1970 ASTM D7349
Low temperature flexibility	Pass	ASTM D1970
Waterproofing integrity after low temperature flex	Pass	ASTM D1970
Waterproofing integrity of lap	Pass	ASTM D1970
Slip resistance	Pass	ASTM D1970
Thermal stability	Pass	ASTM D1204 ASTM D1970
Moisture vapor permeance	Max. 0.1	ASTM E96
UV exposure limit	60 days	
Service temperature	-40° F to 200° F (-40° C to 93° C)	
Storage temperature, max	Up to 104° F (40° C)	

Product characteristics	1 SQ	1.95 SQ	2.25 SQ*
Width, in (m)	36 (0.9)	36 (0.9)	44 (1.1)
Length, ft (m)	33 (10)	65 (19.8)	61 (18.5)
Gross coverage, ft² (m²)	100 (9.3)	195 (18.1)	225 (20.9)
Rolls per pallet	42	30	30

Product approvals and certifications

Meets performance criteria of ASTM D1970
ICC-ESR-1930
ASTM E108 / UL 790 - Class A Fire Resistance
Florida Building Code Approved Product #FL16724
Miami-Dade County Approved (NOA 16-0607.08)
TDI Listed

*available in Canada only