



WeatherMaster® Pro-Grade Ice & Water

Fabric-Faced High-Temp Underlayment

Data Sheet

Product Information

WeatherMaster® Pro-Grade Ice & Water is a highly durable, self-adhering, fabric-faced high-temperature underlayment specifically designed to withstand the rigors of all roofing applications. It also can be used as flashing tape to provide a secondary water barrier.

The tough, slip-resistant, poly-fabric surface provides a rugged barrier to physical damage, UV degradation, weather, and moisture. The unique adhesive layer offers the application benefits of cold-temperature adhesion and exceptional thermal stability under high heat.

WeatherMaster® Pro-Grade Ice & Water

WeatherMaster® Pro-Grade Ice & Water prevents moisture entry into structures by sealing uniformly to the substrate and around nail penetrations.

WeatherMaster® Pro-Grade Ice & Water is self-adhering and cold applied. No special adhesives, heat, or equipment are necessary when properly installed.

Technical Data

Property	Test Method	Minimum Value
Mil Thickness	N/A	50 mil
Tensile Strength	ASTM D412	25 lbs/in (1428 psi)
Adhesion To Plywood	ASTM D903	Pass
Permeability	ASTM E96	<0.03 perms (max)
Low Temperature Flexibility -25°F (-32°C)	ASTM D1970	Unaffected
High Temperature Installations Up To 260°F	ASTMD1970	N/A
Elongation (Rubberized Asphalt)	ASTM D412	250%

Dimensions

Product	Roll (ft²)	Roll Size	Rolls Per Pallet
WeatherMaster® Pro-Grade Ice & Water	200	36" x 66.8'	25

Features:

- SBS-modified asphalt coating helps seal around nails for a watertight result
- Self-adhering and cold applied
- Soft-surfaced polyester face
- Increased traction as compared to standard granular ice and water underlayment
- 50-mil thickness
- No special adhesives necessary
- Direct-to-deck metal application
- High-temperature stability – 260°F
- UV protected surface – 90-day exposure

Benefits:

- Excellent underlayment for metal roofs
- Prevents moisture entry into structures by sealing uniformly to the substrate and around nail penetrations

Codes & Compliances

- Underwriters Laboratories Class A and Class C Fire Rating (based on roof covering)
- ASTM D1970, Standard Ice Dam Underlayment
- ICC-ES Report ER 1783
- Florida Building Code Approved - FL 17322
- Miami-Dade County Product Control Approved



General Instructions

For Roof Decks (Rakes and Eaves):

WeatherMaster® Pro-Grade Ice & Water underlayment shall be applied to dry surfaces during fair, dry weather when air temperatures are above 45°F. In temperatures below 45°F, deck surfaces will need to be primed prior to application. Before getting started, be sure the roof deck is free of dust, dirt, loose nails, and any other protrusions.

Begin by cutting WeatherMaster® Pro-Grade Ice & Water into 10- to 15-foot lengths and re-roll for wrinkle-free application. Apply sheet parallel to the roof edge, extending 1/4" to 3/4" over drip edge. Use the selvage edge to set horizontal top overlap at 3" so that laps will shed water. For ice dam protection, underlayment must be applied to a point at least 24" beyond interior wall line or above the expected level of ice dams.

Peel back 1 to 2 feet of release paper. Before peeling further, align the sheet on the lower edge of the roof and adhere the areas you have peeled. Pull the release paper from under the sheet and slowly continue to peel, pressing the sheet into place as you go. Use a hand roller to firmly roll lower edges. End laps should be overlapped 6" and staggered. In slopes above 8 in 12 — face nail the top overlap at 12" O.C.

For Valleys and Ridges:

Begin by cutting WeatherMaster® Pro-Grade Ice & Water into 4- to 6-foot lengths. For ridges, peel the release paper back and center the sheet over the ridge. Working from the center of the ridge, press the sheet into place in both directions. For valleys, peel and apply the sheet starting at the lowest point and work upward. All end laps and horizontal top ends should be overlapped a minimum of 6".

For Flashing Tape:

When used as flashing tape, begin by cutting WeatherMaster® Pro-Grade Ice & Water into 8- to 12-foot lengths. Center the tape over roof deck panel joints and roll into position.

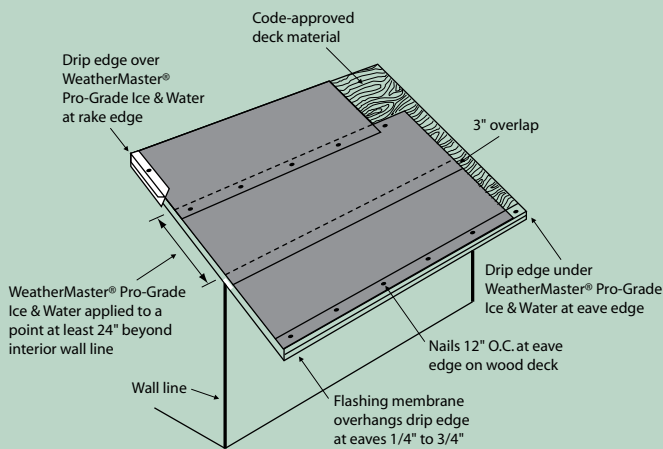
Safety, Storage and Handling

Pallets of WeatherMaster® Pro-Grade Ice & Water should not be double stacked. Provide a weather cover on top and sides to allow for proper ventilation. Consult the Material Safety Data Sheet for best available information on safe handling, storage, personal protection, health, and environmental considerations.

Caution

Learn and observe safe roofing practices according to OSHA and local building code requirements. Always use caution when walking on sloped roof decks and WeatherMaster® Pro-Grade Ice & Water underlayment. Do not walk on unsecured underlayment or any other loose roofing material lying on sloped roof decks. Dust, dew, water, or debris create unsafe conditions on the roof. The presence of any foreign matter may drastically change the coefficient of friction (traction) on WeatherMaster® Pro-Grade Ice & Water or any other material on a sloped roof deck. Failure to use proper safety equipment and footwear can result in serious injury or even death.

WeatherMaster® Pro-Grade Ice & Water Field Application



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