

WeatherMaster® HP-Granular

Granular Shingle Underlayment

PRODUCT INFORMATION

WeatherMaster® HP-Granular is our premium self-adhering composite underlayment, engineered to deliver professional-grade waterproofing protection where it matters: at the eaves, in the valleys, and across every vulnerable detail of the roof. A proprietary SBS-modified asphalt adhesive, reinforced with a fiberglass mat, gives the membrane its strength, flexibility, and tear resistance. WeatherMaster® HP-Granular is especially well-suited for ice and water protection on slopes exceeding 6:12, where its aggregate surface provides additional traction compared to standard granular ice and water underlayment.

Beneath that surface, the dual-modified asphalt locks the aggregate in place, while the self-adhering backing bonds aggressively to the deck and seals tightly around every fastener. The result is a continuous, watertight barrier that holds up to UV exposure and weathering before the primary roof covering is in place, and performs year round once it's covered.

WeatherMaster® HP-Granular can be installed across the full deck of a properly ventilated roof or applied to the high-risk areas where water collects and drainage slows. And because it works under a wide range of roofing materials, including asphalt shingles, tile, wood shake, and slate, you get premium protection without compromising the architectural look the homeowner wants.

TECHNICAL DATA

Property	Test Method	Minimum Value
Mil Thickness	ASTM D1970	40 mil
Thermal Stability SAG-200°F (93°C)	ASTM D1970	Pass
Peel Adhesion	ASTM C794	Pass
Pliability, 14°F (-10°C) 1/8 90° Bend	ASTM D146	0.019g/hr/sq.m. (max)
Water Vapor Transmission	ASTM E96	Pass
ASTM D1970	All	Pass

DIMENSIONS

Product	Roll (ft²)	Roll Size	Rolls Per Pallet
WeatherMaster® HP-Granular	195	36" x 65'	25

CODES AND COMPLIANCES

- ASTM E108, Class A and Class C Fire Rating (based on roof covering)
- ASTM D1970, Standard Ice Dam Underlayment
- Florida Building Code Approved

FEATURES:

- SBS-modified asphalt coating helps seal around nails for a watertight result
- Self-adhesive backing seals directly to the deck
- Dual-modified asphalt provides superior granule adhesion
- Fiberglass mat is stronger and provides better tear resistance than saturated felt
- Aggressive bond at low temperatures, 45°F min
- Non-peel selvage edge
- UV protected surface—45-day exposure

BENEFITS:

- Provides secondary water barrier
- Extra roofing protection for vulnerable areas. Use for valleys, eaves, flashings, hips, ridges, rakes, around dormers, and skylights
- Can be used in new construction or in reroofing requiring a complete tear-off
- Provides extra protection under any type of roofing: asphalt shingles, tile, wood shake, or slate
- Helps extend the life of a roof system



Florida Standards
& Approvals



WEATHERMASTER® HP-Granular

WeatherMaster® underlayments should be installed only when ambient and substrate temperatures are 45° F (7.2° C) or higher. Priming wood or metal surfaces may be necessary for temperatures at 45° F. Remove all dirt, dust, loose nails, and debris prior to installing WeatherMaster® underlayments. Decking must be dry. When WeatherMaster® underlayments are to be adhered to any metal surfaces, priming with asphalt primer meeting ASTM D41 is recommended. When applying WeatherMaster® underlayments, proper, code-approved roof assembly ventilation is required.

GENERAL INSTRUCTIONS

For proper adhesion, WeatherMaster® underlayments shall be applied to dry, dust/dirt/nail-free surfaces during fair, dry weather when air temperatures and material are above 45° F (7.2° C). Rolls stored outside on cold nights may still be too cold for application, even at midday. For applications where the air, deck or material temperature is below 45° F, use nails to mechanically fasten until fully adhered. Deck surfaces may need to be primed prior to application. WeatherMaster® rolls applied in temperatures below 45° F (7.2° C) will remain stiffer and will not fully seal until it is warmed by exposure to the sun. Metal flanges must be coated with asphalt primer prior to applying WeatherMaster® Underlayment.

Begin by cutting WeatherMaster® underlayment 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, or if underlayment does not have a salvage edge, install horizontal edge seams 3" minimum. 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 to 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. On slopes above 6:12 or for long exposure before primary roof covering is installed—face nail the top overlap at 6" on center only in black selvage edge and overlap areas.

For Valleys and Ridges:

Begin by cutting WeatherMaster® underlayment 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".

Safety, Storage, and Handling:

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

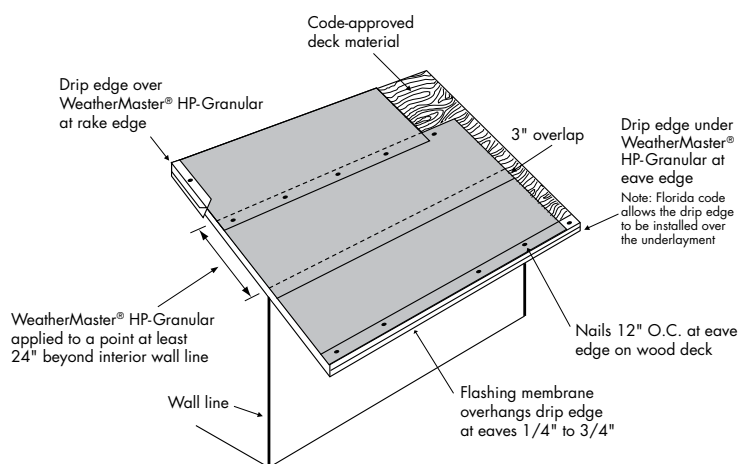
For Flashing Tape:

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

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® Tile 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® Tile 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® HP-GRANULAR FIELD APPLICATION



Sales Offices

Ardmore, OK

Tel: (800) 261-2852

Franklin, OH

Tel: (800) 260-2852

Meridian, MS

Tel: (800) 933-2721

Daingerfield, TX

Tel: (800) 270-2852

Hampton, GA

Tel: (800) 251-2852

Corporate Sales & Marketing

2000 RiverEdge Parkway, Suite 800
Atlanta, Georgia 30328



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