



WEATHERMASTER® GRANULAR

WATER BARRIER UNDERLAYMENT

Granular Surfaced Self-Adhering Underlayment



DATA SHEET

PRODUCT INFORMATION

WeatherMaster® Granular underlayment is a self-adhesive composite underlayment. The adhesive layer is composed of a proprietary modified asphalt, reinforced with an extra heavy fiberglass mat.

The surfacing of opaque granules provides excellent traction and protection from UV radiation and weathering. The self-adhesive side is covered with a split release sheet which is removed during installation.

WeatherMaster® Granular underlayment composite is 47 mils (1.3mm) thick and is supplied in rolls of one square (3' x 33.3') (0.9m x 10m) and two square (3' x 72.1') (0.9m x 22m). WeatherMaster® Underlayment is self-adhesive and cold-applied. No special adhesives, heat or equipment are necessary to install WeatherMaster® Granular underlayment under normal dry conditions of 45°F or warmer.

WeatherMaster® Granular underlayment provides a secondary layer of waterproofing protection needed to help prevent damage from ice dams and windblown rain. This self-adhering modified bitumen underlayment creates a watertight barrier by sealing to the deck and around nails to provide continuous protection year after year. WeatherMaster® helps protect the entire deck of a properly ventilated roof or just those problem areas where water collects or drainage is slow. And, since it can go under any roofing material from asphalt shingles to tile, you can enjoy maximum protection with the architectural look you want.

Features:

- Skid resistant surface for better traction and safer application.
- UV protected surface—45 days exposure.
- High temperature stability - 200°F.
- Self-adhesive backing seals directly to the deck.
- Aggressive bond at low temperatures, 45°F min.
- Repositionable at installation.
- SBS-modified asphalt coating helps seal around nails for a watertight result.
- Fiberglass mat is stronger and provides better tear resistance than saturated felt.

Benefits:

- Provides secondary water barrier
- Extra roofing protection for vulnerable areas. Use for valleys, eaves, flashings, hips, ridges and rakes, and 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: tile, wood shake, asphalt, slate or metal.
- Helps extend the life of your roof system.
- Easy to install—even for do-it-yourselfers.
- Complies with local codes where required
- May be left on deck and recovered when reroofed.

STANDARDS & CODE LISTINGS

- Underwriters Laboratories Class A and Class C Fire Rating – Based on Roof Covering
- ASTM D 1970 Standard Ice Dam Underlayment
- ICC-ES Report ER 1783
- Uniform Building Code Nos. 32B-1, 32B-2, 32D-1 and 31D-2
- Florida Building Code Approved - FL 11915
- Miami-Dade County Product Control Approved, Miami-Dade County, Florida, NOA No. 08-1006.03, 1/26/14



TECHNICAL DATA

Property	Test Method	Minimum Value
ASTM D 1970	All	Pass
Water Vapor Transmission	ASTM E 96	0.019 g/hr/sq.m. (max)
Pliability, 14°F (-10°C), 1/8 90° bend	ASTM D 146	Pass
Peel Adhesion	ASTM C 794	19 lbs/in
Thermal Stability SAG-200°F (93°C)	ASTM C 1970	Pass
MIL Thickness	N/A	47 MIL
Size-1 Square Roll	36" x 33.3'	1 SQ. Roll Provides approx.* 88 Sq. Ft. Coverage
Size-2 Square Roll	36" x 72.1'	2 SQ. Roll Provides approx.* 200 Sq. Ft. Coverage

*With 3" Continuous Edge Laps Per Roll



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GENERAL INSTRUCTIONS

For Roof Decks (Rakes and Eaves): To begin, remove any dust, dirt, loose nails or other protrusions from the roof deck. Remove all shingles, roofing felt and nails from the deck of existing roofs. Sweep thoroughly to remove any dust and dirt. Apply WeatherMaster® Granular underlayment only in fair weather when air surface temperatures are above 45°F and rising. Apply to dry surfaces only.

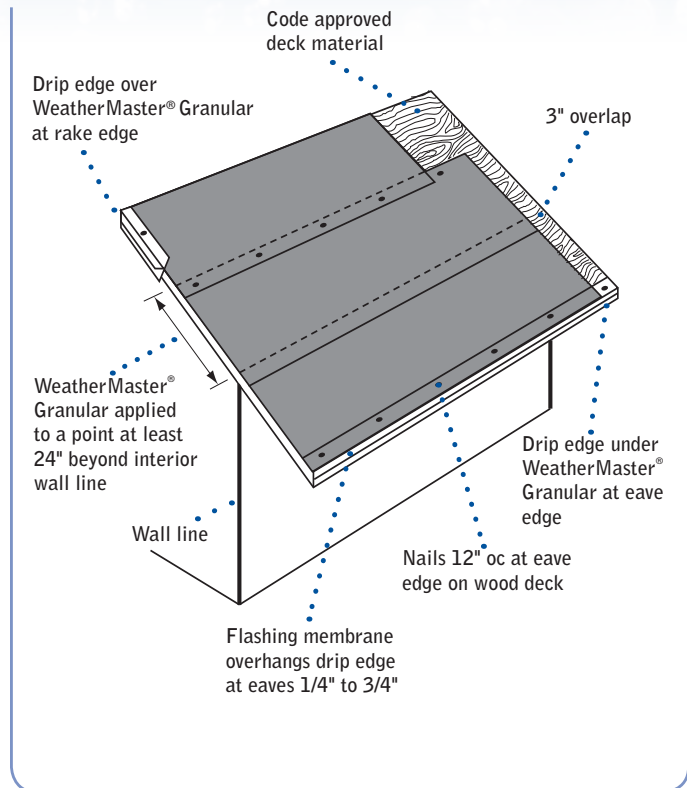
Apply sheet parallel to the roof edge, extending over 1/4". Overlap edge seams 3", so that laps will shed water. End seams should be overlapped 6" and staggered. On steep slope applications it may be necessary to spot nail the top edge of the membrane temporarily during the installation process. For wrinkle-free application, cut WeatherMaster® Granular underlayment into 10 to 15 foot lengths and reroll.

Peel back 1 to 2 feet of release paper. Align the sheet on the lower edge of the roof and adhere the first 1 to 2 feet. Pull the release paper from under the sheet and continue to peel it while pressing the sheet into place. Roll lower edges firmly with a wallpaper roller or other hand roller. For ice dam protection, WeatherMaster® Granular underlayment must be applied to reach a point above the highest expected level of ice dams (minimum application at least to a height of 24" beyond the interior wall line). End laps should be overlapped 6" and staggered. When installing at temperatures below 45°F and on slopes above 8" in 12"—face nail in the overlap area at the top of the sheet at 12" OC. Priming the deck may be necessary below 45°F.

For Valleys and Ridges: Cut WeatherMaster® Granular underlayment into 4 to 6 foot lengths. Peel the release paper and center sheet over valley or ridge. Drape and press sheet into place, working from the center of the valley or ridge in each direction. For valleys, apply the sheet starting at the lowest point and work upward. WeatherMaster® Granular underlayment should not be left permanently exposed to the weather. It must be covered by shingles, metal valley flashing or other roofing materials within 45 days. Overlap horizontal overlaps at least 6" in valleys.

Smooth shank galvanized nails are recommended for fastening shingles. Do not overdrive nails or break the surface.

WEATHERMASTER® GRANULAR FIELD APPLICATION



SAFETY, STORAGE AND HANDLING

Pallets of WeatherMaster® Granular underlayment shall not be double stacked. Provide a weather cover on top and sides, allowing for adequate ventilation.

Consult the Material Safety Data Sheet for best available information on safe handling, storage, personal protection, health and environmental considerations.

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