# WeatherMaster® Tile

*Stackable High-Temp Underlayment*

# Data Sheet

## Product Information

WeatherMaster® Tile is self-adhering underlayment that consists of a proprietary modified asphalt and a woven polyester membrane. 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. The woven polyester top surface aggressively bonds with foam adhesives used in tile installation and is proven to withstand stacked tiles without slippage or damage to the membrane surface.

WeatherMaster® Tile provides excellent traction for roofers during installation of the primary roofing system. No special adhesive, heat, or equipment is necessary when properly installed.

## Technical Data

| Property | Test Method | Minimum Value |
|---|---|---|
| Mil Thickness | N/A | 60 mil |
| Tensile Strength | ASTM D412 | 100 lbs/in (1428 psi) |
| Thermal Stability/ Sag 200°F (93°C) | ASTM D1970 | Pass |
| Low Temperature Flexibility –25°F (–32°C) | ASTM D1970 | Unaffected |
| Adhesion To Plywood | ASTM D903 | Pass |
| Permeability | ASTM E96 | 0.01 perms (max) |
| Elongation (Rubberized Asphalt) | ASTM D412 | 250% |

## Dimensions

| Product | Roll ($ft^2$) | Roll Size | Rolls Per Pallet |
|---|---|---|---|
| WeatherMaster® Tile | 216 | 36" x 72' | 25 |

## Features:

- SBS-modified asphalt coating helps seal around nails for a watertight result
- Self-adhesive backing seals directly to the deck
- No special adhesives necessary
- Woven polyester surface provides superior slip resistance
- 60-mil thickness
- Excellent adhesion surface for tile foams
- High temperature stability – 260°F
- UV protected surface – 180-day exposure

## Benefits:

- Passed Miami-Dade County TAS 103 test
- Aggressive bond to the roof deck and sealing around fastener penetrations helps protect against wind-driven rain
- Top selvage edge bond creates waterproof joint

## Codes & Compliances

- Underwriters Laboratories Class A and Class C Fire Rating (based on roof covering)
- ASTM D1970, Standard Ice Dam Underlayment
- Miami-Dade County TAS 103 Test
- Florida Building Code Approved - FL 17322
- Miami-Dade County Product Control Approved

MIAMI-DADE COUNTY APPROVED



## General Instructions

**For Roof Decks (Rakes and Eaves):**
WeatherMaster® Tile 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. Metal flanges must be coated with asphalt primer prior to installing WeatherMaster® Tile.

Begin by cutting WeatherMaster® Tile into 10- to 15-foot lengths and re-roll for wrinkle-free application. Apply each sheet parallel and flush to the eave 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. Apply asphalt cement in a 1" line top to bottom on all overlaps. On slopes 6:12 and greater it is necessary to spot nail the top edge of the membrane every 12" on center during the installation process.

**For Valleys and Ridges:**
Begin by cutting WeatherMaster® Tile into 4- to 6-foot lengths. Peel the release paper and center the sheet over the valley or ridge. Drape and press sheet into place, working from the center of a valley or ridge in each direction. For valleys, peel and apply the sheet starting at the lowest point and work upwards. All end laps should be overlapped a minimum of 6".

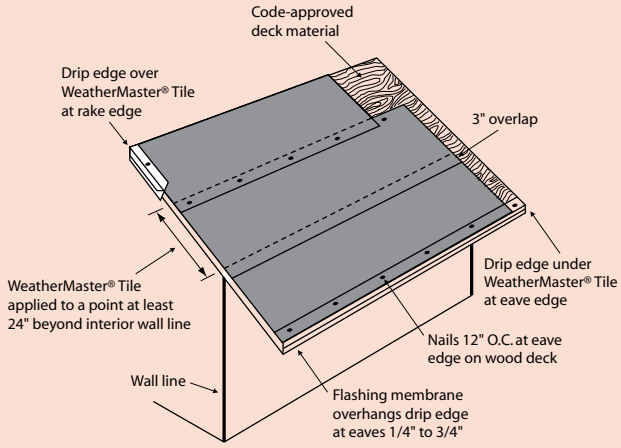
## Safety, Storage and Handling

Pallets of WeatherMaster® Tile 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® 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® Tile Field Application





### Sales Offices

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