

WeatherMaster® Flexible Ice & Water Film-Faced High-Temp Underlayment

APPLICATION INSTRUCTIONS

WEATHERMASTER® FLEXIBLE ICE & WATER

WeatherMaster® underlayments should be installed 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 Roof Decks (Rakes and Eaves):

For proper adhesion, WeatherMaster® underlayments shall be applied to dry, dust/dirt/nail free surfaces during fair, dry weather when air temperatures and material is 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® Flexible Ice & Water into 10 to 15-foot lengths and re-roll for wrinkle-free application. Apply sheet parallel to the roof edge, extending over 1/4". Overlap edge seams 3" minimum, so that laps will shed water. On steep slope applications, it may be necessary to nail the top edge of the membrane temporarily during the installation process. 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. When installing at temperatures below 45 °F and on slopes above 8 in 12 — face nail the top overlap at 12" O.C.

For Valleys and Ridges:

Cut WeatherMaster® Flexible Ice & Water 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. Horizontal overlaps should be at least 6" in valleys.

WeatherMaster® Flexible Ice & Water underlayment should not be left permanently exposed to the weather. It must be covered by hingles, metal valley flashing, or other roofing materials within 30 days. Galvanized roofing nails are recommended for fastening WeatherMaster® Flexible Ice & Water. Do not overdrive nails or break the surface.

Safety, Storage and Handling:

Pallets of WeatherMaster® Flexible 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® Flexible 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® Flexible 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® FLEXIBLE ICE & WATER FIELD APPLICATION

