

# MOISTURE GUARD®

## Ice & Rain Underlayment

### APPLICATION INSTRUCTIONS

THESE ARE THE APPLICATION INSTRUCTIONS FOR MOISTURE GUARD UNDERLAYMENT. TAMKO BUILDING PRODUCTS, INC., SHALL NOT BE RESPONSIBLE FOR LEAKS OR OTHER ROOFING PROBLEMS RESULTING FROM FAILURE TO FOLLOW THESE INSTRUCTIONS. For questions about MOISTURE GUARD or it's application contact TAMKO's Technical Services Department at 800-641-4691.

#### SAFETY PRECAUTION

Personal fall protection devices must always be used when applying MOISTURE GUARD. Moisture, frost or debris will decrease the traction while walking on MOISTURE GUARD. PLEASE EXERCISE CAUTION DURING INSTALLATION.

#### SURFACE PREPARATION

To begin, remove any dust, dirt, loose nails or other protrusions from the deck of new roofs. Remove all shingles, roofing felt, nails, or other existing roofing materials and debris from the deck of existing roofs. Sweep thoroughly to remove any dust and dirt. For best application, apply MOISTURE GUARD only in fair weather and when air, substrate, and membrane temperatures are above 35° F.

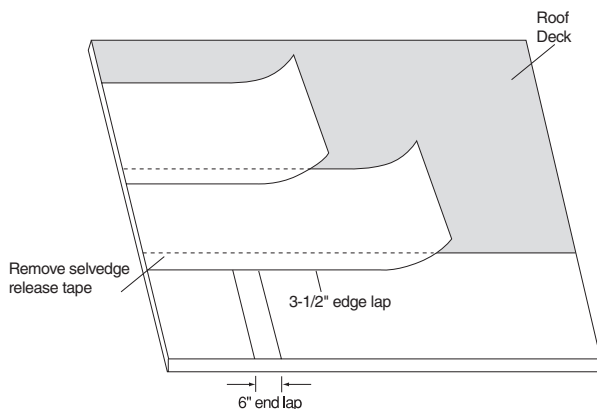
#### FOR ROOF DECKS

Apply MOISTURE GUARD from low to high in shingle fashion as shown below, so that laps will shed water. REMOVE THE SELVEDGE RELEASE TAPE AND OVERLAP EDGE SEAMS 3-1/2". End seams should be overlapped 6" and staggered. When necessary, the membrane may be unrolled and cut in 10- to 15-foot lengths. Align the membrane on the lower edge of the roof deck. Remove the release film from the membrane then press the membrane into place. Roll lower edges of each course firmly with a wallpaper roller or other hand roller; "Broom in" the installed membrane using an industrial flat broom or squeegee. Bear down on the installed membrane with the broom or squeegee to insure total, even adherence to the substrate. Care should be taken not to damage the surface when brooming. For ice dam protection, MOISTURE GUARD must be applied to reach a point above the highest expected level of ice dams (minimum application at least 24" beyond the interior wall line.)

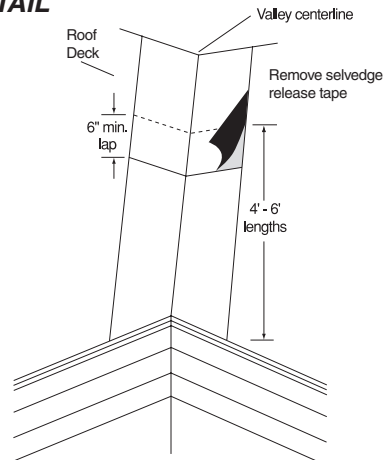
#### FOR VALLEYS AND RIDGES

Where necessary, the membrane may be unrolled and cut into 4- to 6-foot lengths. REMOVE THE SELVEDGE RELEASE TAPE, PEEL THE RELEASE FILM AND CENTER SHEET OVER VALLEY OR RIDGE. Drape and press sheet into place, working from the center of the valley or ridge outward in each direction. For valleys, apply the membrane starting at the lowest point and work upward. Overlap all sheets a minimum of 6 inches. The MOISTURE GUARD underlayment should be used on "closed valley" applications only. It must be covered by roofing materials. MOISTURE GUARD underlayment must not be exposed to the elements longer than 90 days before application of the finished roof.

#### MOISTURE GUARD UNDERLAYMENT FIELD APPLICATION



#### VALLEY FLASHING DETAIL



#### PROVIDE VENTILATION WHEN USING OVER THE ENTIRE ROOF DECK

When using MOISTURE GUARD underlayment over the entire roof deck the roof must include a system to provide adequate ventilation for all space immediately below the roof deck. Such ventilation system should be designed in accordance with architectural design standards appropriate to the size, nature, and location of the structure and should include both ridge and soffit venting. For further information on providing adequate ventilation, contact your architect, building contractor, building materials supplier, or TAMKO.

#### IMPORTANT:

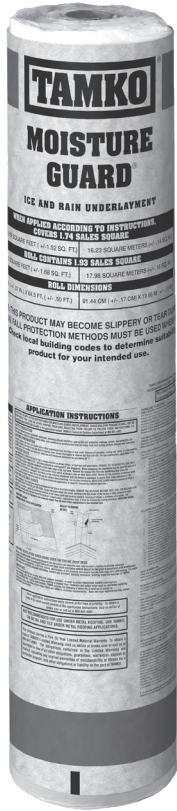
Tiles can slide during roof loading and until properly fastened. In order to protect MOISTURE GUARD underlayment from damage, care must be taken to insure stability of stacked tiles. Fasteners and batten strips must be used when installing tiles over MOISTURE GUARD underlayment. TAMKO requires the fastening of every tile in addition to mortar, or adhesive or foam regardless of the slope. These are TAMKO's minimum requirements. State and local registrations may contain additional requirements.



# MOISTURE GUARD®

## ICE & RAIN UNDERLAYMENT

## PRODUCT DATA



MANUFACTURED IN JOPLIN, MO

**IMPORTANT SAFETY INFORMATION:** Use personal fall protection devices when working on a roof. Personal fall protection devices, safety glasses and hearing protection must always be used when applying Moisture Guard underlayment. Moisture, frost or debris will decrease the traction when walking on Moisture Guard underlayment. **Applicator safety is of utmost importance.**

**MOISTURE GUARD** underlayment is a self-adhering, fiberglass and modified bitumen underlayment with a mineral surfacing, a removable release film on the adhesive side and removable selvedge release tape.

**USES:** For use as a self-adhering underlayment prior to installation of the final roof system and as a secondary layer used in areas susceptible to wind blown rain and ice damming. Moisture Guard is used on roof decks, along rake and eave edges, valleys and ridges, and around chimneys, dormers, vents and skylights. Moisture Guard is used under most types of roofing, including tile, wood shake, asphalt, slate or composite shingles. It is not recommended for use under metal roofing.\*

- Self-adhering rubberized asphalt
- Mineral surfacing
- Fiberglass mat
- Split treated release film
- Selvedge release tape
- 5-Year Limited Warranty\*\*

Underlayment products begin to age as soon as they are exposed to nature. Buildings experience aging factors differently, so it is difficult to predict how long a product will last. That's why TAMKO provides a Limited Warranty on Moisture Guard. Go to [tamko.com](http://tamko.com) for details or call us at 1-800-641-4691.

\* Use TAMKO TW Metal & Tile Underlayment or TW Underlayment for metal roofing applications.

\*\* See complete TAMKO Waterproofing, Fenestration Flashings, Underlayments and Accessories Limited Warranty at [tamko.com](http://tamko.com) for details.

### CERTIFICATIONS

UL Classified as a Prepared Roofing Accessory

Moisture Guard has been tested by an independent laboratory for compliance with ASTM D1970-15

### LIMITATIONS

- Underlayment must not be applied to wet or frosty surfaces.
- Underlayment should not be applied to unclean or contaminated surfaces.
- Underlayment must not come into contact with products containing coal-tar pitch.
- Best applied at temperatures of 35° F and higher.
- Once applied, underlayment must not be left exposed beyond 90 days.

### PRODUCT DATA†

	0.87 Sales Square Roll	1.74 Sales Square Roll
Roll Dimensions	36" × 32'3"	36" × 64'6"
Roll Coverage††	87.34 sq. ft. (± 1.52 sq. ft.)	174.69 sq. ft. (±1.52 sq. ft.)
Roll Contains	96.75 sq. ft. (± 1.68 sq. ft.)	193.5 sq. ft. (±1.68 sq. ft.)
Thickness	55 mils	55 mils
Rolls Per Pallet	42	25
Pallet Size	37" × 47"	37" × 47"

† All values stated as nominal. †† When applied according to instructions.

Information included in this product data sheet was current at time of printing. To obtain a copy of the most current version of this product data sheet, visit us online at [tamko.com](http://tamko.com) or call us at 800-641-4691.

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