



TRI-BUILT® ICE & WATER BARRIER GRANULAR

TRI-BUILT® Ice & Water Barrier is a self-adhering SBS modified bitumen underlayment that provides an extra layer of roofing protection to help prevent water penetration caused by windblown rain or ice damming.

PRODUCT FEATURES:

- Self-adhering rubberized asphalt
- Mineral surfacing
- Fiberglass mat
- Split treated release film
- Selvedge release tape

USES:

For use under wood shake, asphalt and composite shingles at eaves, rakes and valleys, around chimneys and skylights, and in other areas of the roof where windblown rain and ice damming is a possibility. It is not recommended for use under metal roofings.

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:

2 Square Roll (1.74 Sales Square Roll)

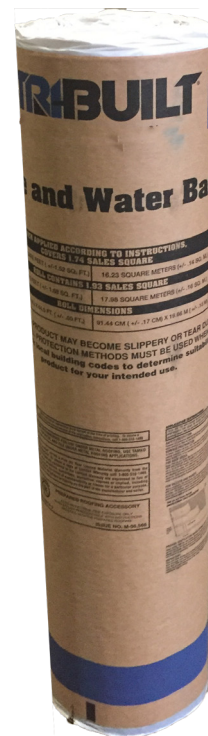
Roll Dimensions [†]	36" × 64'6"
Roll Coverage ^{††}	174.69 sq. ft. (±1.52 sq. ft.)
Roll Contains	193.5 sq. ft. (±1.68 sq. ft.)
Thickness [†]	55 mils
Rolls Per Pallet	25

[†]Subject to manufacturing variation

^{††}When applied according to instructions

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 TRI-BUILT® Ice & Water Barrier. Moisture, frost or debris will decrease the traction when walking on TRI-BUILT® Ice & Water Barrier. Applicator safety is of utmost importance.

WARNING: This product contains crystalline silica and formaldehyde. Crystalline silica and formaldehyde have been classified as "known human carcinogens" by the International Agency for Research on Cancer (IARC) and the National Toxicology Program. This product also contains oxidized asphalt. Occupational exposure to oxidized asphalt and its emissions during roofing have been classified by IARC as a "probable human carcinogen". Oxidized asphalt also contains Polycyclic Aromatic Hydrocarbons some of which have been classified by IARC as "known" or "probable human carcinogen". The physical nature of this product may help limit any inhalation or dermal hazard during application and/or removal. However, physical forces such as sawing, grinding or drilling during demolition work and heating or burning may increase the inhalation or dermal exposure hazard of this product. Take precautions to prevent breathing and contact with skin.



FBC Approved

APPLICATION INSTRUCTIONS

SAFETY PRECAUTION

Personal fall protection devices must always be used when applying TRI-BUILT® Ice & Water Barrier. Moisture, frost or debris will decrease the traction while walking on TRI-BUILT® Ice & Water Barrier. PLEASE EXERCISE CAUTION DURING INSTALLATION.

SURFACE PREPARATION

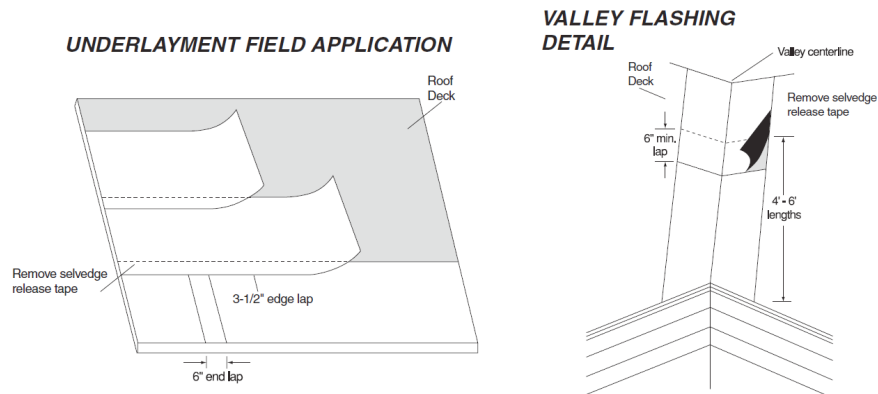
To begin, remove any dust, dirt, loose nails or other protrusions from the deck of new roofs. Remove all shingles, roofing felt, nails, or other existing roofing materials and debris from the deck of existing roofs. Sweep thoroughly to remove any dust and dirt. For best application, apply TRI-BUILT®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

FOR ROOF DECKS

Apply TRI-BUILT® Ice & Water Barrier 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, TRI-BUILT® Ice & Water Barrier 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 TRI-BUILT® Ice & Water Barrier should be used on "closed valley" applications only. It must be covered by roofing materials. TRI-BUILT® Ice & Water Barrier must not be exposed to the elements longer than 90 days before application of the finished roof.



PROVIDE VENTILATION WHEN USING OVER THE ENTIRE ROOF DECK

When using TRI-BUILT® Ice & Water Barrier 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.

IMPORTANT

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