



Installation Instructions - TRI-BUILT Sand Self Adhering Underlayment

Caution - Read and understand all instructions and precautions before applying TRI-BUILT SA Sand Underlayment.

Uses

TRI-BUILT Sand SA Underlayment is used as a self-adhered membrane designed to be adhered directly to roof decks prior to the application of shingles. Its main function is to serve as a secondary waterproofing layer, in both residential and commercial building, protecting the building's interior from damages caused by water infiltration as a result of ice dam formation and wind-driven rain.

Limitations

Not resistant to oils and solvents. Not designed for permanent exposure. Good practice calls for the membrane to be covered as soon as practical. Thin films of dust, water, frost, or ice will affect the skid resistance of this product and must be avoided. Do not use in contact with flexible PVC (Poly Vinyl Chloride) membranes. New dimensional lumber decks may contain knots with resin levels that can attack and severely soften the TRI-BUILT bitumen compound. TRI-BUILT will not be responsible for these areas.

Storage

Store rolls on end in original pallets or elevated platform. Protect from weather or store in a dry enclosed area not subject to heat over 120°F.

Surface Preparation

All substrates are to be free of dust, oil, dirt, debris, and moisture. All protrusions must be removed to provide a smooth surface. On re-roofing applications, remove old shingles, nails, and other loose materials.

Ambient and surface temperatures should be above 40°F to achieve optimum adhesion. Lower temperatures cause self-adhesive layer to stiffen and exhibit less adhesion to deck until warmed above 40°F. Product applied at lower temperatures can be back-nailed to hold in position during application. Adhesion to deck and at laps will occur as ambient temperature increase.

Application

Align and tack nails in place along selvage, sufficient to hold sheet temporarily. Do not drive fully as they will later be removed. Fold back lower portion of TRI-BUILT. Remove release film from lower portion and set in place. Be careful to ensure that sheet lays flat and wrinkle free. Remove nails. Release film from the upper portion and adhere in place. Overlap ends and sides a minimum of 2.5 inches.

Limitations

TRI-BUILT cartons should not be stored exposed to the weather. If shingle application does not immediately follow installation of TRI-BUILT, back-nail to deck to resist wind uplift. TRI-BUILT is not designed for extended exposure to ultra violet. Maximum exposure is 2 weeks. TRI-BUILT should not be used in direct contact with flexible PVC/vinyl membranes.

Caution

TRI-BUILT has a slip-resistant sand surface however there may be jobsite conditions of steep slope, excess water, debris or thin films of ice that will affect the slip-resistance of the product and must be avoided. [In all conditions follow OSHA safety requirements.](#)

