

One Information Way, Suite 225

Little Rock, AR 72202

501-945-4506 ■ 800-365-4506 ■ Fax: 501-945-7718

www.tarcoroofing.com



TECHNICAL BULLETIN

LB-19-02A-R7

LeakBarrier® Peel & Stick Membranes - Acceptable Substrates

This bulletin states Tarco's position regarding acceptable substrates for adhesion of its LeakBarrier peel & stick line of membranes. This technical bulletin is effective **February 25, 2019**.

Tarco approves the adhesion of its LeakBarrier membranes to the following substrates:

- Asphalt Saturated Felt - ASTM D4869 and D226 compliant
- Base Sheet - ASTM D2626 compliant
- EasyLay UDL synthetic underlayments (UDL 15, UDL Basic, UDL 50, UDL SA)
- Concrete (Structural only)
- DensDeck DuraGuard Roof Board (manufactured by Georgia Pacific)
- DensDeck Prime Roof Board (manufactured by Georgia Pacific)
- EasyBase™ SBS self-adhering base sheet
- EasyNailBase™ SBS base sheet
- EasyLay™ HPP Asphalt Saturated Underlayment
- Expanded Polystyrene (EPS)
- Gypsum sheathing decks
- Metal
- Oriented Strand Board (OSB)
- Plywood
- Polyisocyanurate (Coated fiberglass-faced)
- SBS MultiPurpose™ Underlayment
- SecuRock Gypsum Fiber Roof Board (manufactured by US Gypsum)
- Wood fiberboard - Asphalt impregnated, six-sided (only HD)
- Zip System Roof Sheathing
- PS200MU™ Ice & Water Armor

Metal, structural concrete, fiberglass faced gypsum decks, and DensDeck Prime must be primed before adhering LeakBarrier membranes. Priming shall be done using an ASTM D41 asphalt primer, water based acrylic primer, or water based polymer modified primer.

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OSB decks and Plywood that have weathered must be primed. Priming shall be done using an ASTM D41 asphalt primer, water based acrylic primer, or water based polymer modified primer.

Priming recommended but not required for new OSB decks and Plywood.

OSB and Plywood decks with any kind of treatment(s) are unacceptable.

When installing to OSB and Plywood with an underside radiant barrier, it is strongly recommended to use an approved mechanically attached base sheet.

When using LeakBarrier membranes in vertical applications, the substrate shall be primed. Priming recommended but not required for new OSB decks and Plywood.

Polyisocyanurate or any paper-faced insulation is not an approved substrate.

Expanded Polystyrene (EPS) shall be of minimum 2" thickness and 2 lb. density.

In Wood Plank and Tongue & Groove applications, non-supported gaps may adversely affect product performance. When in question, an approved mechanically attached base sheet is recommended.

Adhesives/Sealants used must be SBS trowel grade modified asphalt adhesive/flashing cement.

LeakBarrier membranes shall be applied only to smooth, clean and dry surfaces, with the substrates free from irregularities. Wood decking requires a minimum of 24 hours to dry when exposed to ambient moisture.

LeakBarrier membranes shall be rolled in place to ensure 100% contact with the substrate prior to back nailing.

If you have any questions or require additional information, please contact your local Tarco Sales Representative or email Tarco Technical Services at technicalservice@tarcoroofing.com