



## DESCRIPTION - For Professional Use Only

ALCO Shield™ HT Ice and Water Protector is designed to be used as a waterproofing underlayment with standing seam metal roofing, metal shingles, metal roof panels and asphalt shingles. ALCO Shield HT protects roof structures, roof assemblies and the building interior from water penetration caused by ice dams, pooling water and wind driven rain.

ALCO Shield HT is a polymer modified asphalt underlayment membrane, glass fiber reinforced with a lightly textured, tough, skid resistance surface.



*The ALCO Shield HT underlayment product offers a high temperature installation rating with the ALCO high standard of manufacturing.*



## FEATURES

- Self-adhering for easy installation
- Split Release - peel off backing sheet
- Proprietary formulation and adhesive backing - Installs in most hot or cold weather conditions
- Top adhesive selvage-edge - eases alignment and enhances lap sealing
- Exceptional manufacturing process and quality control for a consistent product
- Meets or exceeds industry standards and residential/commercial building codes
- Meets current ASTM D-1970 criteria.
- **Made in Detroit - USA**

## ADVANTAGES

- High temperature resistance of 240° F
- Self Sealing: Seals around nails, staples and screws
- Self-Adhering: Bonds directly to the roof substrate
- Excellent for under metal, slate, tile or asphalt shingles
- Repositionable adhesive backing – allows for accurate installations and overlaps.



**ALCO Products offer installers a complete line of professional roof protection products.**

*Your Second Line of Defense™*

**800.323.0029 | [www.alco-products.com](http://www.alco-products.com)**



### PREPARATION

Sweep roof deck to remove dirt and debris. The roof deck must be solid, clean, smooth and free of moisture. If moisture is present, it will limit or inhibit adhesion.

On re-roofing, remove all old material from roof deck area to be covered with ALCO Shield™ HT. Replace any damaged roof deck sheathing to assure a solid deck. If pre-existing self-adhered underlayment is present and cannot be easily removed to the deck, recover it with the ALCO Shield HT.

### WEATHER CONDITIONS

Apply when the air temperature is over 40° F (5° C) but below 100° F (38° C). If applied in temperatures below 40° F (5° C), ALCO Shield HT is stiffer and will not fully seal until it is warmed. If applied in temperatures above 100° F (38° C), it may become difficult to remove the release poly backing. If this situation should occur, move products into a shaded area until cool. Once cooled, the release poly backing can be easily removed.

### INSTALLATION

ALCO Shield HT is applied directly to the surface of the roof deck. ALCO Shield is designed to be covered by roofing material on slopes of 3" rise in 12" run or greater. See carton for complete instructions.

**COLD WEATHER APPLICATION:** Mechanically fasten to position membrane until it has bonded to the roof deck.

### COVERAGE

1.95 SQ Roll Covers Approximately 195 SF

### SPECIFICATION

ASTM D-1970

### PACKAGING

1.95 SQ Roll - Boxed 36/Pallet

### LIMITATIONS

- Should not be applied over shingles or mechanically fastened underlayment
- Should not be applied over damp surfaces
- Should not be left exposed to sunlight for more than 90 days
- For professional use only
- **CAUTION!!** Surface can be slippery if wet or covered with frost

### PROPERTIES

Approximate Roll Weight:

1.95 Square 50 Lbs (nominal)

Membrane Width:

Membrane 36"

Release 37.5"

Membrane Length:

1.95 Square Roll 65.0 Feet

Membrane Thickness: 45—55 mils

Application Method: Self Adhering

Surface Composition: Film Surface

Membrane Reinforcement: Fiberglass Mat

Backing Material: Silicone Coated Release Film

Service Temperature: Not to Exceed 240° F.

FOR EXTERIOR USE ONLY

FOR FURTHER SAFETY INFORMATION SEE SDS REGARDING THIS PRODUCT

*Always refer to our Website for updates.*



*We warrant our material to be of good quality and will replace materials found defective, providing, however, that the buyer shall examine the materials when received and promptly notify us of any defects before the materials are used or incorporated into a structure for which they are intended. CONTACT YOUR SALES REPRESENTATIVE OR SEE OUR WEB SITE FOR COMPLETE DETAILS.*