



## DESCRIPTION

ALCO Shield™ SMOOTH Ice and Water Protector is used as a shingle underlayment on critical areas such as eaves, valleys, ridges, dormers and skylights. ALCO Shield SMOOTH protects roofing structures and the interior from water penetration caused by ice dams, wind driven rain seepage from around fasteners.

ALCO Shield SMOOTH is a polymer modified asphalt membrane, fiberglass reinforced, with a smooth, skid resistant, non-abrasive film surface.

## FEATURES

- Self-adhering, but initially repositionable for easy installation
- High tack back adhesive provides for all season installation
- Lightly textured surface provides the anti-skid feature to keep workers safe
- Exceptional manufacturing process and quality control for a consistent product
- Meets or exceed industry standards and residential/commercial Model Building Codes
- **Made in Detroit - USA**

## ADVANTAGES

- Protects structure from water seepage caused by wind driven rain, ice dams and around shingle fasteners.
- Self-Sealing: Seals around nails, staples and screws
- Self-Adhering: Bonds directly to the roof deck sheathing
- May be used under asphalt shingles, metal roofing, slate shingles or tile roofing

*The ALCO Shield SMOOTH underlayment product offers ease-of-handling and the highest standards of manufacturing.*



**ALCO Products offer installers a complete line of 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 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 SMOOTH. 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 SMOOTH.

### WEATHER CONDITIONS

Apply when 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 SMOOTH 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 product to shaded area until cool. Once cooled, the release poly backing can be easily removed. **Storage:** ALCO Shield SMOOTH should be stored out of direct sunlight to avoid the above adhesion and handling issues.

### INSTALLATION

ALCO Shield SMOOTH 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 and precautions. Follow all good roofing practices and safety procedures when working on a roof, roofing is dangerous.

**COLD WEATHER APPLICATION:** Mechanically fasten, "back-nail", membrane into position until it has bonded to the roof deck and to provide safe walking conditions on the roof.

FOR EXTERIOR USE ONLY

### COVERAGE

1.95 SQ Roll Covers Approximately 195 SF

### SPECIFICATIONS

ASTM D-1970

MEETS:

Miami-Dade County Approval

Florida Building Code

### PACKAGING

1.95 SQ Roll - Boxed 36/Pallet

### LIMITATIONS

- Should not be applied over shingles or underlayment
- Should not be applied over damp surfaces
- Should not be left exposed to sunlight for more than 30 days (less if extreme heat conditions exist)
- ALCO Shield SMOOTH is NOT a long term "Dry-In" product – cover it as soon as practical with the permanent roof covering!
- 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

1.0 Square Roll 33.3 Feet

Membrane Thickness: 45—55 mils

Application Method: Self Adhering

Surface Composition: Smooth Film Surface

Membrane Reinforcement: Fiberglass Mat

Backing Material: Split Silicone Coated Release Film

Service Temperature: Not to Exceed 203° F.

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.*