



DESCRIPTION

ALCO Shield™ GRANULAR+ Ice and Water Protector is designed for use as a shingle underlayment in critical areas of the roof, such as eaves, valleys, ridges, dormers and skylights. ALCO Shield™ Granular+ protects roof structures and the interior from water penetration caused by ice dams and wind driven rains.

ALCO Shield™ GRANULAR+ is a polymer modified asphalt membrane, glass fiber reinforced with a granular surface providing skid and tracking resistance during installation, as well as sealing around the shingle fasteners for the life of the shingles.

FEATURES

- Self-adhering, but initially repositionable for easy installation
- High tack back adhesive provides for all season installation
- Granular 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

- Prevents water intrusion and seepage from wind-driven rain, ice dams and around fasteners
- Self-Sealing: Seals around nails, staples and screws
- Self-Adhering: Bonds directly to the roof substrate
- Skid Resistant: Granular surface for safe and easy installation
- Excellent for under asphalt shingles

The ALCO Shield™ GRANULAR+ underlayment product offers a high degree of skid resistance combined with the highest standards of manufacturing.



1.95 SQ Available
Boxed or Unboxed
1 SQ - Boxed Only



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

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™ GRANULAR+. Replace any damaged 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 GRANULAR+.

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™ is stiffer and will not fully seal until it is warmed by exposure to the sun. 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 a shaded area until cool. Once cooled, the release poly backing can be easily removed. **Storage:** ALCO Shield™ GRANULAR+ should be stored out of direct sunlight to avoid the above adhesion and handling issues.

INSTALLATION

ALCO Shield™ 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.

COLD WEATHER INSTALLATION: 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
1.0	SQ Roll Covers Approximately 100 SF

PACKAGING

1.95	SQ Roll - Boxed/Unboxed	30/Pallet
1.0	SQ Roll - Boxed	42/Pallet

SPECIFICATIONS

ASTM D-1970

MEETS:

- Miami-Dade County Approval
- Florida Building Code

FOR FURTHER SAFETY INFORMATION SEE SDS REGARDING THIS PRODUCT

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LIMITATIONS

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

- Should not be applied over shingles or underlayment of any sort
- 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™ GRANULAR+ 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	55 Lbs (nominal)
1.0 Square	30 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: Granules-Sand

Membrane Reinforcement: Fiberglass Mat

Backing Material: Silicone Coated Release Film

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.