



PRODUCT CODES: 965 - 970

# ICE & WATER UNDERLAYMENTS ROOF SHIELD 65

## DESCRIPTION

DeWitt's Roof Shield 65 is a self adhesive composite underlayment. The adhesive layer is composed of a proprietary modified asphalt, reinforced with an extra heavy fiberglass mat. The surfacing of opaque granules provides excellent traction and protection from UV radiation and weathering. The self adhesive layer is covered with a release sheet which is removed during installation.

DeWitt's Roof Shield 65 is 45-55 mils thick and is supplied in 1.95 square (3'x65') rolls. DeWitt's Roof Shield 65 is self adhesive and cold-applied. No special adhesives, heat or equipment are necessary to install.

## USES

DeWitt's Roof Shield 65 is an excellent underlayment for shingle, slate, concrete, or tile roofs.

DeWitt's Roof Shield 65 prevents moisture entry into structures by sealing uniformly to the deck and around nail penetrations. Roof Shield 65 protects residential and commercial building from damage due to ice dams or wind driven rain.

## APPLICATION

- DeWitt's Roof Shield 65 must be installed directly to the structural deck. Remove all dirt, dust, loose nails and debris. Place metal drip edge or wood starter shingles over DeWitt's Roof Shield 65.
- Cut DeWitt's Roof Shield 65 to manageable lengths. Position composite along the eave. Peel back 1-2 feet (0.3-0.6m) of release sheet, align composite and press into place. Remove remaining release sheet. Overlap additional courses at least 3"(75mm) and end laps at least 6" (150mm).
- Smooth shank galvanized nails are recommended for fastening shingles. Do not overdrive nails.
- For best results, apply only in fair weather when ambient temperature is 40 degrees F.
- DeWitt's Roof Shield 65 should not be exposed to UV for greater than 30 days



## SPECIFICATIONS

Meets ASTM D 1970 Standard Ice Dam Underlayment



# ICE & WATER UNDERLAYMENTS POLY PRO HIGH TEMP

## DESCRIPTION

DEWITT'S METAL SEAL HT POLY PRO Ice & Water Underlayment is a self adhering, composite underlayment that is reinforced with an extra heavy fiberglass mat. The polyester fabric surface provides excellent traction, protection from UV radiation, weathering, and oil canning under metal. DEWITT'S METAL SEAL HT has cold temperature adhesion and exceptional stability under high heat. The self adhesive layer is covered with a high temperature split release film which is removed during installation. DEWITT'S METAL SEAL HT POLY PRO has a 3" wide peel-off top selvage edge to provide additional system sealing at the top laps. DEWITT'S METAL SEAL HT POLY PRO is 40 mils thick, supplied in two square rolls (3'x65')

## USES

DEWITT'S METAL SEAL HT POLY PRO is an excellent underlayment for shingle, slate, concrete, metal, or tile roofs. DEWITT'S METAL SEAL HT POLY PRO is High Temp with a temperature rating of 250 °F. DEWITT'S METAL SEAL HT POLY PRO prevents moisture entry into structures by sealing uniformly to the deck and around nail penetrations. METAL SEAL HT protects residential and commercial building from damage due to ice dams or wind driven rain. DEWITT'S METAL SEAL HT POLY PRO can be exposed up to 60 days before covering

## APPLICATION

- DEWITT'S METAL SEAL HT POLY PRO must be installed directly to the structural deck.
- Remove all dirt, dust, loose nails and debris. Substrate should be dry. Place metal drip edge or starter shingles over DEWITT'S METAL SEAL
- Cut DEWITT'S METAL SEAL HT POLY PRO to manageable lengths. Position composite along the eave. Peel back 1-2 feet (0.3-0.6m) of release sheet, align composite and press into place.
- Remove remaining release sheet.
- Overlap additional courses at least 3" (75mm) and end laps at least 6" (150mm).
- Smooth shank galvanized nails are recommended for fastening shingles. Do not overdrive nails.
- For best results, apply only in fair weather when ambient temperatures is 40 °F and higher.



## PERFORMANCE PROPERTIES

PROPERTY	TEST METHOD	RESULTS
ELONGATION AT THE BREAK MIN OF BITUMEN PORTION (%)	ASTM D5147	400% Min
TEAR STRENGTH	ASTM D5147	400 PSI
MOISTURE, VAPOR PERMEABILITY, MAX, PERMS	ASTM E96	0.05
ADHESION TO PLYWOOD @40F, MIN, LBF/FT WIDTH	ASTM D1970	0.05
SEAL ABILITY AROUND NAIL	ASTM D1970	Pass
WATERPROOF INTEGRITY AFTER LOW TEMP FLEXIBILITY	ASTM D1970	Pass
WATERPROOF INTEGRITY ON LAP SEAM	ASTM D1970	Pass

## SPECIFICATIONS

Underwriters Laboratories Class A and Class C Fire rating.  
ASTM D 1970 Standard Ice Dam Underlayment  
ICBO Report No. 4991  
Uniform Building Code No's 32B-1, 32B-2, 32D-1, and 31D-2

## WARRANTY

DeWitt's limited warranty is equal in duration to the shingle or metal manufacturer's warranty up to 35 years. DeWitt's will replace or refund the original purchase of the underlayment found by DeWitt's to be defective upon proof of purchases.



# ICE & WATER UNDERLAYMENTS

## POLY PRO 195

### DESCRIPTION

DeWitt's "ROOF SHIELD POLY PRO 195" is a self adhesive underlayment composed of a polyester reinforcing mat for POLY STRENGTH (tear resistant, great for valleys), and coated with a rubberized asphalt that seals around nails or fasteners. The POLY GRIP surface with no loose granules provides a SAFE walkable surface. "ROOF SHIELD POLY PRO 195" has a POLY SMOOTH surface for better adhesion when applying more than one roll on sloped roofs. "ROOF SHIELD POLY PRO 195" is POLY LITE (30% lighter than standard ice & water underlayments). "ROOF SHIELD POLY PRO 195" is designed to be REPOSITIONAL when applying to substrate. The E-Z SPLIT BACKER makes for easier installation. The POLY SEAL with polyester mat gives stronger and better sealing around nails. "ROOF SHIELD POLY PRO 195" is cold applied and is an excellent underlayment for SHINGLES, SLATE, CONCRETE, TILE ROOFS, VALLEYS, and around SKYLIGHTS. "ROOF SHIELD POLY PRO 195" helps eliminate water back-up from storms or ice damn back-ups.

### APPLICATION

- DEWITT'S ROOF SHIELD POLY PRO 195 must be installed directly to the structural deck.
- Remove all dirt, dust, loose nails and debris. Substrate should be dry. Place metal drip edge or starter shingles over DEWITT'S ROOF SHIELD POLY PRO 195
- Cut DEWITT'S ROOF SHIELD POLY PRO 195 to manageable lengths. Position composite along the eave. Peel back 1-2 feet (0.3-0.6m) of release sheet, align composite and press into place.
- Remove remaining release sheet.
- Overlap additional courses at least 3" (75mm) and end laps at least 6" (150mm).
- Smooth shank galvanized nails are recommended for fastening shingles. Do not overdrive nails.
- For best results, apply only in fair weather when ambient temperatures is 40° F and higher.



### PERFORMANCE PROPERTIES

PROPERTY	TEST METHOD	RESULTS
ELONGATION AT THE BREAK MIN OF BITUMEN PORTION (%)	ASTM D5147	400% Min
TEAR STRENGTH	ASTM D5147	400 PSI
MOISTURE, VAPOR PERMEABILITY, MAX, PERMS	ASTM E96	0.05
ADHESION TO PLYWOOD @40F, MIN, LBF/FT WIDTH	ASTM D1970	0.05
SEAL ABILITY AROUND NAIL	ASTM D1970	Pass
WATERPROOF INTEGRITY AFTER LOW TEMP FLEXIBILITY	ASTM D1970	Pass
WATERPROOF INTEGRITY ON LAP SEAM	ASTM D1970	Pass

### SPECIFICATIONS

Meets ASTM D1970 and ICBO # 4887

### WARRANTY

DeWitt's limited warranty is equal in duration to the shingle or metal manufacturer's warranty up to 35 years. DeWitt's will replace or refund the original purchase of the underlayment found by DeWitt's to be defective upon proof of purchases.