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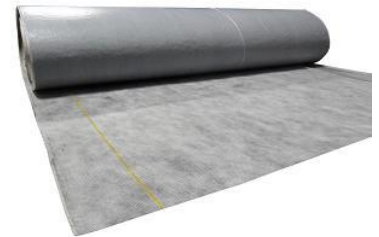
# METAL SEAL HT

## ICE AND WATER UNDERLAYMENT

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### PRODUCT DESCRIPTION:

DEWITT'S METAL SEAL HT (High Temp) 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 has a 3" wide peel-off top selvage edge to provide additional system sealing at the top laps. DEWITT'S METAL SEAL HT is 50 mils thick, supplied in two square rolls (3'x66.6') (0.9mx20m).



### USES:

DEWITT'S METAL SEAL HT is an excellent underlayment for shingle, slate, concrete, metal, or tile roofs.

DEWITT'S METAL SEAL HT is High Temp with a temperature rating of 260°F.

DEWITT'S METAL SEAL HT 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 can be exposed up to 60 days before covering.

### APPLICATION:

- DEWITT'S METAL SEAL HT 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 HT

- Cut DEWITT'S METAL SEAL HT 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.

## STANDARDS & CODE LISTINGS:

- 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

## TECHNICAL DATA:

PROPERTY	TEST METHOD	MINIMUM VALUE
Tensile Strength	ASTM D 412	62 lb./in (1127 psi) MD 47 lb./in (854 psi) CD
Tensile Strength, UV aging	ASTM D 412	73 lb./in (1327 psi) MD 52 lb./in (945 psi) CD
Tensile Strength, Weathered	ASTM D 412	65 lb./in (1181 psi) MD 64 lb./in (1163 psi) CD
Water Vapor Transmission	ASTM E 96	<0.03 perms (max)
Pliability, 14°F (-10°C), 1/8" 90° bend	ASTM D 146	Pass
Peel Adhesion	ASTM C 794	19 lb./in
Peel Adhesion 7 day water	ASTM C 794	13 lb./in
Peel Adhesion 210 hrs. UV	ASTM C 794	11 lb./in
Cycle over Crack -20°F (-29°C)	ASTM C 836	Pass

