

PLATINUM HT-SA Underlayment

Technical Data



FEATURES:

- Self-Adhering without Heat or Special Adhesives
- Installation Temperature: 40°F (4.4°C) and above
- Seals around fasteners
- UV Resistant film provides up to 6 months exposure rating
- Synthetic construction to inhibit mold growth
- Superior deck adhesion and lap strength
- Slip-resistant walking surface
- Ideal for use under metal roofing
- Limited Lifetime Warranty (see note overleaf)
- Meets and exceeds ASTM D1970



PLATINUM HT-SA Roll Specifications

Length per Roll	67 ft. (20.4 m)
Width per Roll	36" (914 mm)
Weight per Roll	40 lbs (18 kg)
Roll Size	2 Sq (18.6 m ²)
Rolls per Pallet (42" x 42")	25
Pallet Weight	1,000 lbs (454 kg)
Rolls per Truckload (40 Skids)	1000

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TEST & STANDARD		TYPICAL VALUES
Colour		Blue
Surface		GRIPSPOT® Enhanced Slip Resistance
Release Liner		Silicone treated, split-release
Weight per square		20 lbs (9 kg)
Nail Sealability	ASTM D1970	Pass
Permeability	ASTM E96	<0.035 perms
Minimum Thickness	ASTM D1970	41 mil (1.04 mm)
Tensile strength	ASTM D1970	MD 128 lb/in (50 kg) CD 107 lb/in (49 kg)
Thermal Stability	ASTM D1970	240°F (115°C) Pass
Low Temp. Flexibility	ASTM D1970	Pass
Tear Resistance	ASTM D1970	MD 70 lb/ft (32 kg) CD 60 lb/ft (27 kg)
Adhesion to Plywood	ASTM D903	4.0 lbs/in (0.9 kN/m)
UV Resistance		6 Months
Limited Warranty		Lifetime



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Installation Instructions

Caution: Always follow Safety Instructions, Building Codes and Safe Work Practices as issued by local Govt. bodies (e.g. OSHA / WCB).

PLATINUM HT-SA must be covered by a primary roof (Asphalt & Synthetic Shingles, Metal Roofing, Tiles, Slate, and Cedar Shakes) within 180 days. For best results **HT-SA** should be installed on a dry deck when the air, membrane, and substrate temperature is over 40°F (4.4°C). Priming is not required for attaching to wood deck when the temperature is above 40°F (4.4°C). Concrete and masonry decks should be primed with a solvent or a water based primer that meets ASTM D41 for asphalt based self-adhesive membranes. For cold weather applications below 40°F (4.4°C) a primer should be used and the laps blind nailed. Blind nail with 3/8" head roofing nails of 1" or longer in the 3" overlap area.

HT-SA is recommended for roof slope applications 2:12 and above. For steep slope applications (6:12 or greater) or when installing at temperatures greater than 100°F (38°C) it is recommended to blind nail the overlap area as instructed above for cold weather applications.

HT-SA is to be laid out horizontally (parallel to the eave) with the printed side up, using 3" side laps and 6" end laps.

HT-SA may also be installed vertically. For vertical installation anchor with 3/8" head roofing nails along the upper most edge 3" down with 6 equally spaced nails across the 36" width. Ensure roofing nails are perpendicular to the roof deck so that the head lays flat and seals well to the top surface of the **HT-SA** using 3" side laps and 6" end laps. Always work from the low point to the high point of the roof. Apply the membrane in valleys before the membrane is applied to the eaves.

Cut **HT-SA** to manageable lengths and position parallel to the edge of the roof. Peel back one side of the split release sheet approximately 4" (10 cm), then apply as positioned to the roof deck. Continue peeling back one side of the split release sheet. Press down on **HT-SA** with a small rubber roller to increase adhesion to the roof deck. Peel back the remaining half of the split release liner and press down on the **HT-SA** to adhere to the roofdeck, again using a small roller to improve adhesion. For eave installation **HT-SA** should be applied over the metal drip edge at the eave. Do not fold **HT-SA** over the roof edge unless the edge is subsequently covered over by a drip edge or other flashing material. It is recommended that **HT-SA** extend from the eave up the roof to a point 24" inside the exterior wall. This should be above the maximum ice dam buildup line in most areas. Consult your local building code for specific requirements. For high elevation, high wind or wind driven rain it is recommended to cover the entire roof deck with **HT-SA**.

Safety Notification:

FT Synthetics products are designed with the **GRIPSPOT™** technology for better skid protection for the roofer but product may become slippery due to high moisture, frost, rain, water, dust, debris or other conditions. Use precautions when working on the roof. Follow all local and federal safety codes when installing any roofing system including FT Synthetics products. Failure to adhere to those procedures may result in serious injury or even death.



For full details of the Limited Lifetime Warranty and the Product Safety Data Sheet, please see our website at agwaymetals.com

