



1. PRODUCT NAME

ATA-GUARD™ SYNTHETIC ROOFING UNDERLAYMENT

2. SUPPLIER

ATAS INTERNATIONAL, INC.
website: www.atas.com
email: info@atas.com
Corporate Headquarters:
Allentown, PA 18106
Phone: (610) 395-8445
Fax: (610) 395-9342
Western Facility:
Mesa, AZ 85201
Phone: (480) 558-7210
Fax: (480) 558-7217

3. PRODUCT DESCRIPTION

Basic Uses:

ATA-Guard™ is a highly engineered, mechanically attached, coated woven synthetic roofing underlayment for sloped roofs. It can be used under all types of primary roofing materials and is approved as an alternative replacement for Type 15 or Type 30 asphalt roofing felt. ATA-Guard is 5 times lighter and 25 times stronger than 30# asphalt.

Composition and Materials:

ATA-Guard is 100% asphalt free, reinforced underlayment. Advanced polymers are combined to produce a film that is unaffected by water and resistant to UV for up to 6 months.

Size:

ATA-Guard has a nominal thickness of 30 mils and is available in rolls 48" wide by 250' long, a total area of 1000 sq. ft. Each roll weighs 48 pounds.

Color and Finish:

Polymers are combined to produce a gray color that is much cooler than traditional asphalt-based underlayments. The walking surface has a nodular texture that allows for steep slope walkability even in wet conditions.

4. TECHNICAL DATA

- Class A Fire: ASTM E 108
- Nail Sealability: ASTM D 1970
- Permeability 0.05 perms: ASTM E 96-00
- Water Transmission: ASTM D 4869
- Tear Strength MD 55 lbs, CD 55 lbs: ASTM D 226
- Tensile Strength MD 178 lbs: ASTM D 751 95
- CD 176 lbs: ASTM D 751-95
- Burst Strength 300 psi: ASTM D 751-95
- Elongation MD 20%, CD 20%: ASTM D 751-95

- Weight per Square 4.7 lbs: ASTM D5261
- Minimum Thickness 30 mils: ASTM D 1777
- Temperature Range -70°F to 212°F: ASTM D 1777

5. INSTALLATION

Recommended Application:

ATA-Guard must be installed above properly ventilated spaces (following local building code) as it is considered a vapor barrier. Installation manuals or hands-on training through seminars are available through ATAS. Visit www.atas.com for more information.

Application Methods:

ATA-Guard is an air, water and vapor barrier. It must be installed above properly ventilated spaces (follow ALL building codes applicable to your geographical region and structure type) as it is considered a vapor barrier (.05 perms). The use of a rosin paper slip-sheet is not required underneath metal roofing systems. Protrusions from the deck area must be removed and decks shall have no voids, damaged or unsupported areas. The use of a straight edge cutting knives is recommended. ATA-Guard is laid out horizontally (parallel) to the eave with the printed side up, and with the 4" horizontal laps and 6" vertical laps. Follow the codes for low slope as defined as 2:12 to 4:12 and steep slope greater than 4:12 applications. ATA-Guard must be attached to the structural roof deck material using 3/8" head electro galvanized (EG) roofing nails; tin tag caps & nails; screws with washers; plastic cap staples or plastic cap nails. Anchoring to be installed at a minimum as per surface markings, spaced 6" on center in the vertical and horizontal laps, and at 12" on center along the center of the roll in the field as marked. If the application of ATA-Guard and the final roofing material occur on the same day, then the option to use every other printed anchoring placement is acceptable. All anchoring devices must be flush, 90 degrees to the roof deck, and tight with the underlayment surface and the structural roof deck. For extended exposure (months) or high wind, double the lap widths as a minimum. Option: Fold the overlay laps forming a "J" channel configuration before nailing; using a compatible sealant between the laps, or using a peel and stick tape is highly recommended. For batten secured installations, use only adequate length nails or screws to secure battens to the structural roof deck material. It is recommended to use 3/8" head electro galvanized roofing nails; plastic cap staples; plastic cap nails or screws with metal or plastic washers to secure ATA-Guard to prevent blow off until the batten system is installed. When using plastic cap and staples, staple leg should be a minimum 1/2" or longer. Do not install battens directly over any plastic caps. If this occurs, remove plastic cap staples or nails,

patch the hole, then install cap outside batten field and continue. Where seams and joints require sealant or adhesive, use a high quality, low solvent, Asbestos free, plastic roofing cement meeting ASTM D-4586 Type 1 (Asbestos free), Federal Spec SS-153 Type 1 (Asbestos free) such as Karnak, Henry, DAP, MB, Geocel or equivalent. Acceptable alternatives are butyl rubber, urethane, and EDPM based caulk or tape sealant. Depending on roof pitch and surface conditions, blocking may be required to support materials on the roof

6. AVAILABILITY AND COST

Availability:

ATA-Guard is available through ATAS product distributors.

Cost:

Contact ATAS product distributors for current pricing.

7. WARRANTY

ATA-Guard is covered by a fifty (50) year limited warranty.

8. MAINTENANCE

None when installed in accordance with manufacturer's recommendations.

9. TECHNICAL SERVICES

Complete technical information and literature are available from ATAS International, Inc. ATAS will assist with design ideas and shop drawings.

10. FILING SYSTEM

- www.atas.com
- Additional product information is available from the manufacturer upon request.

