

## 1. PRODUCT NAME

**ADVANTA® SHINGLE  
HAS300**

## 2. MANUFACTURER

ATAS INTERNATIONAL, INC.  
Website: [www.atas.com](http://www.atas.com)  
Email: [info@atas.com](mailto:info@atas.com)  
Corporate Headquarters:  
Allentown, PA 18106  
Phone: (800) 468-1441

## 3. PRODUCT DESCRIPTION

### Basic Use:

Advanta Shingle is designed to function as an alternative to traditional asphalt shingles. Weighing less than a pound per square foot, the shingle is well suited for new construction or re-roof applications.

### Composition & Materials:

Advanta Shingles are manufactured from 29 gauge Metallic Coated Steel.

### Size:

Advanta Shingles measure 14" x 36 1/2", with a 12" x 36" coverage area. The panel configuration provides the appearance of dimensional shingles, but it covers twice the area per panel as traditional shingles. Only 34 panels are required to cover 100 square feet of roof area, or one square.

### Color & Finish:

Advanta Shingle is textured with an embossed pattern and available in Eight (8) standard colors: Mission Red, Slate Grey, Rocky Grey, Forest Green, Char Brown, Redwood, Sierra Tan, and Bone White; as well as Nine (9) Americana Classic Colors: Asheland Slate, Baja Slate, Quarry Slate, Willow Slate, Beech Tree, Deep Granite, Rocky Cliff, Weathered Stone, and Shaded Spruce

## 4. TECHNICAL DATA

### 70% PVDF finishes tested by paint supplier for:

- Dry Film Thickness: ASTM D 1005, ASTM D 1400, ASTM D 4138 or ASTM D 5796
- Specular Gloss: ASTM D 523
- Pencil Hardness: ASTM D 3363
- Bend Flexibility: ASTM D 4145
- Mandrel Bend Flexibility: ASTM D 522
- Impact Resistance: ASTM D 2794
- Adhesion: ASTM D 3359
- Water Immersion Resistance: ASTM D 870
- Abrasion Resistance: ASTM D 968
- Acid Resistance: ASTM D 1308
- Acid Rain Resistance (Kesternich): ASTM G 87 or DIN 50018
- Salt Spray: ASTM B 117
- Cyclic Salt Spray: ASTM D 5894 and ASTM D 5487

- Humidity Resistance: ASTM D 2247
- Accelerated Weathering: ASTM D 822 and ASTM G 155, ASTM G 151 or ASTM G 153
- Color Retention, Florida Exposure: ASTM D 2244
- Chalking Resistance: ASTM D 4214
- Cleveland Condensing Cabinet: ASTM D 4585
- Cure Test, MEK Resistance: ASTM D 5402
- Alkali Resistance, Sodium Hydroxide: ASTM D 1308 Procedure 7.2
- Flame Spread Rating: ASTM E 84

### Panel testing/ratings:

- Uplift: UL 580
- Uplift: UL 1897
- Fire Resistance: UL 790/ASTM E 108
- Class A & B Fire Rating
- Impact Resistance: UL 2218, Class 4
- Penetration (Foot Traffic): ICBO ES AC07, Par. 4.2
- ICC-ES ESR-2257
- Florida Product Approval: FL2905
- Galvanized Steel: ASTM A 653
- Copper: ASTM B 370
- Coil Coating: ASTM A 755

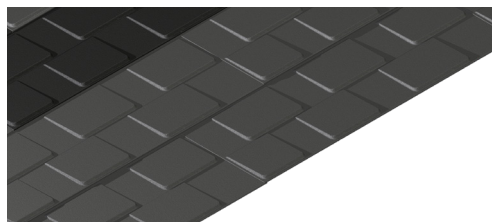
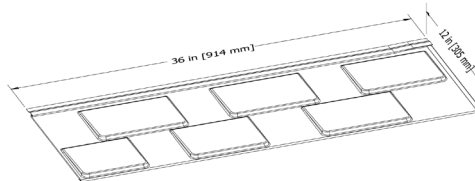
## 5. INSTALLATION

Advanta Shingles are installed horizontally in a left to right manner and staggered from eave to ridge. Fasteners for attachment are covered by the next tier of shingles. Recommended minimum slope is 3 in 12. Installation details and hands-on training via seminars are available through ATAS. Visit [www.atas.com](http://www.atas.com) for more information.

## 6. AVAILABILITY & COST

### Availability:

Advanta Shingles are readily available through ATAS product distributors. A complete line of related components and trim accessories is available to complete the roof system. Flat sheet and/or coil stock in matching color are also available for fabrication of related accessories by the installing contractor.



### Cost:

Contact ATAS product distributors for current pricing.

## 7. WARRANTY

Products coated with a fluoropolymer, 70% PVDF finish carry a limited warranty against chalking and fading.

## 8. MAINTENANCE

Advanta Shingles require minimal maintenance. Surface residue may be easily removed by conventional cleaning methods. Minor scratches should be touched up with a matching paint, available from the manufacturer.

## 9. TECHNICAL SERVICES

Complete technical information and literature are available at [www.atas.com](http://www.atas.com). ATAS will assist with design ideas and shop drawings.

## 10. FILING SYSTEM

- [www.atas.com](http://www.atas.com)
- Additional product information is available from the manufacturer upon request.

