



ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

ADVANTA® SHINGLE HAS300

2. MANUFACTURER

ATAS INTERNATIONAL, INC.

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Maryville, TN 37801

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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 G90 galvanized steel. (NOTE: 16 oz. copper may be specified subject to minimum quantities and lead times.)

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 ten (10) standard colors: Mission Red, Slate Grey, Brite Red, Rocky Grey, Forest Green, Char Brown, Redwood, Sierra Tan, Bone White and Coppertone, as well as six (6) designer colors known as the Americana Series. The Americana Series utilizes state-of-the-art print coat technology to create six unique shades: Kodiak Island Brown, Mojave Desert Tan, Smokey Mountain Grey, Cap Cod Grey, Carolina Pine Green and Grand Canyon Red.

4. TECHNICAL DATA

KYNAR 500® PVDF or HYLAR 5000® 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 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 Legacy Report NER-680

Florida Product Approval FL2905-R1

Galvanized Steel: ASTM A 653

Copper: ASTM B 370

Coil Coating: ASTM A 755

Field Tested and Approved.

5. INSTALLATION

Advanta Shingles are installed horizontally in a left to right manner and staggered from eave to ridge. Fasteners are covered by the next tier of shingles. Recommended minimum slope is 3 in 12. Installation manuals or hands-on training via seminars are available through ATAS. Visit 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, KYNAR 500® PVDF or HYLAR 5000® PVDF finish carry a thirty (30) year limited warranty against cracking, peeling, chalking and fading.

8. MAINTENANCE

Advanta Shingles are virtually maintenance free. Surface residue may be easily removed by conventional cleaning methods. Minor scratches may 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. ATAS will assist with design ideas and shop drawings.

10. FILING SYSTEM

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

