



ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

STANDING SEAM SHINGLE™ HSS164 – HSS165

2. MANUFACTURER

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 85204

Phone: (480) 558-7210

Fax: (480) 558-7217

Southern Facility:

Maryville, TN 37801

Phone: (800) 468-1441

3. PRODUCT DESCRIPTION

Basic Uses:

Standing Seam Shingles are elegant in their style, and feature a four-way interlock to insure weather tightness. These panels are installed with concealed fasteners from eave to ridge, over solid substrate. Horizontal seams are staggered to give an attractive appearance. The metal allows for snow and ice to slide off easily, thus preventing damage from freeze and thaw cycles. The shingles with a Coppertone finish are ideal for accent roofing on entryways, bay windows, and other details.

Composition & Materials:

Standard Offerings: Panels are manufactured from .032 Aluminum or 16 oz. Copper.

Sizes and Profiles:

Standing Seam Shingles are available in either 36" (HSS164) or 60" (HSS165) lengths. The width of the panel is 16".

Colors & Finishes:

A choice of 30 colors is available in a KYNAR 500® PVDF or HYLAR 5000® PVDF finish. (Request color chart or chips). Texture is a smooth finish.

4. TECHNICAL DATA

KYNAR 500® PVDF or HYLAR 5000® PVDF based 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

T-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
Organic coatings meet requirements of AAMA
2605 when applied to aluminum.
Panel testing/ratings:
Uplift: UL 580 Class 90
Fire Resistance: UL 790/ASTM E 108
Impact Resistance: UL 2218
Penetration: ICC ES AC166, Par. 4.2
Aluminum: ASTM B 209
Copper: ASTM A 370
Coil Coating: ASTM A 755
Field Tested and Approved

5. INSTALLATION

Standing Seam Shingles are installed vertically up the slope of the roof using concealed fasteners and side clips. Horizontal panel seams should be staggered to give an attractive appearance to the roof. Installation manuals or hands-on training via seminars are available through ATAS. Visit www.atas.com for more information.

6. AVAILABILITY & COST

Availability:

Standing Seam Shingles are 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 is 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

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

