



# ATAS INTERNATIONAL, INC.

## SPECIFICATION DATA SHEET

### 1. PRODUCT NAME

## STANDING SEAM SHINGLE™

### HSS163 – HSS166

**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: (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 can be used for roofing or mansards on residential or commercial buildings. The shingles with a Copptone finish are ideal for accent roofing on entryways, bay windows or other details.

#### Composition & Materials

*Standard Offerings:* Panels are roll-formed from 24 or 29 gauge Metallic Coated Steel or .032 Aluminum.

#### Sizes and Profiles

STANDING SEAM SHINGLES are available in either 36" (HSS163) or 60" (HSS166) lengths. The width of the panel is 16".

#### Colors & Finishes

Six (6) standard colors are available in 29 gauge Metallic Coated Steel with a KYNAR® 500 PVDF or HYLAR® 5000 PVDF finish. The colors are: Mission Red, Slate Grey, Rocky Grey, Forest Green, Char Brown. and Copptone. Thirty (30) standard colors with a KYNAR® 500 PVDF or HYLAR® 5000 PVDF finish are available in .032 Aluminum or 24 gauge Metallic Coated Steel (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 23, 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:  
Wind Driven Rain: PA 100-95 (For R & D purposes only)  
Fire Resistance: UL 790/ASTM E 108  
Class A & B Fire Rating  
Impact Resistance: UL 2218  
Galvanized Steel: ASTM A 653  
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. The four-way interlock insures weather-tightness. Panel seams should be staggered to give an attractive appearance to the roof. Installation manuals or hands-on training through seminars are available. Contact ATAS technical service advisors 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

STANDING SEAM SHINGLES carry a thirty (30) year limited warranty.

### 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 from ATAS International, Inc. ATAS will assist with design ideas and shop drawings.

### 10. FILING SYSTEM

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

