



# ATAS INTERNATIONAL, INC.

## SPECIFICATION DATA SHEET

### 1. PRODUCT NAME

## DUTCH SEAM™ PANEL

### 2. MANUFACTURER

ATAS INTERNATIONAL, INC.

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email: [info@atas.com](mailto:info@atas.com)

#### Corporate Headquarters:

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#### Western Facility:

Mesa, AZ 85204

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#### Southern Facility:

Maryville, TN 37801

Phone: (800) 468-1441

### 3. PRODUCT DESCRIPTION

#### **Basic Uses:**

Dutch Seam™ panels with the WIND-LOK™ application are used for roofing on both new construction and re-roof applications. This is a structural panel and can be fastened directly to purlins as well as to solid substrate. Dutch Seam™ panels can be tapered for placement on a conical roof.

#### **Composition and Materials:**

Dutch Seam™ panels are roll-formed from .032, .040 Aluminum or 24 gauge Metallic Coated Steel. 16 oz. and 20 oz. Copper, 22 gauge Metallic Coated Steel and 24 gauge 55% Al-Zn Coated Steel with acrylic coating may be specified, subject to minimum quantities and lead time.

#### **Sizes and Profiles:**

Dutch Seam™ panels are 11" wide (MRD110), 15" wide (MRD150), or 19-1/4" wide (MRD194). Panel lengths are cut to customer specifications, with a minimum of 2' and a maximum to transportation limitations. Specify with or without stiffening ribs.

#### **Color and Finish:**

A choice of 30 colors is available in the KYNAR® 500 PVDF or HYLAR® 5000 PVDF finish. (Request color chart or chips). An anodized finish is available in clear or dark bronze. Texture may be smooth or stucco embossed.

### 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  
Organic coatings meet requirements of AAMA 2605 when applied to aluminum.  
Panel testing/ratings:  
Structural: ASTM E 330 (Modified)  
Uplift/Load: ASTM E 1592  
UL580 Class 90 (UL File R12113)  
Air Infiltration: ASTM E 283  
Water Penetration: ASTM E 331  
Fire Resistance: UL790/ASTM E 108  
Impact Resistance: UL 2218 Penetration (Foot Traffic): ICC ES  
AC166, Par. 4.2  
Florida Product Approval: FL 3556 R1  
Load tables available upon request  
Galvanized Steel: ASTM A 653  
55% Al-Zn Coated Steel: ASTM A 792  
Aluminum: ASTM B 209  
Copper: ASTM B 370  
Coil Coating: ASTM A 755  
Field Tested and Approved

### 5. INSTALLATION

Dutch Seam™ is a structural continuous standing seam panel with an integral seam designed for roof slopes 2:12 and greater. Installation manuals or hands-on training through seminars are available through ATAS. Visit [www.atas.com](http://www.atas.com) for more information.

### 6. AVAILABILITY AND COST

#### **Availability:**

Dutch Seam™ panels 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 is also available for fabrication of related accessories by the installing contractor.

#### **Cost:**

Contact ATAS product distributors for current pricing.

### 7. WARRANTY

The fluoropolymer KYNAR® 500 PVDF or HYLAR® 5000 PVDF finish carries a thirty (30) year limited warranty against chipping, cracking, peeling, chalking and fading.

### 8. MAINTENANCE

Dutch Seam™ panels are virtually maintenance free. Surface residue is easily removed by conventional cleaning methods. Minor scratches may be touched up with matching paint, available from the manufacturer.

### 9. TECHNICAL SERVICES

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

### 10. FILING SYSTEM

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

*ATAS International Inc. has the ability to customize panels per specific projects. Please contact the factory to discuss options for your project.*

