



# 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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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 via 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

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

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 at [www.atas.com](http://www.atas.com). ATAS will 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.*

