



ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

DUTCH SEAM™ PANEL

2. MANUFACTURER

ATAS INTERNATIONAL, INC.

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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 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. 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.

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

