ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

ECO SEAM™

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

Basic Uses:

Eco Seam panels with the Wind-Lok application have a smooth, sleek appearance with a concealed, clipless fastening system. These panels are typically used for siding, fascias, mansards and equipment screens.

Composition & Materials:

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

Sizes and Profiles:

12" wide (ECO120) panels and 16" wide (ECO160) panels are available. Panel lengths are cut to customer specifications with a minimum of 2'-0", maximum to transportation limits.

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 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 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:
UL 580 Class 90 (UL File No. R121123)
Air Infiltration: ASTM E 283
Water Penetration: ASTM E 331
Wind Driven Rain: AAMA 501.1
Fire Resistance: UL 790/ASTM E 108
Class A & B Fire Rating
Galvanized Steel: ASTM A 653
55% Al-Zn Coated Steel: ASTM A 792
Aluminum: ASTM B 209
Coil Coating: ASTM A 755
Field Tested and Approved
Load Tables available upon request.

5. INSTALLATION

Installation is achieved by interlocking the panel into the preceding panel and fastening through pre-punched holes with mechanical fasteners. The rib of the adjoining panel will conceal the fasteners. Installation manuals or hands-on training via seminars are available through ATAS. Visit www.atas.com for more information.

6. AVAILABILITY & COST

Availability:

Eco Seam is available through ATAS product distributors. A complete line of related components and trim accessories is available to complete the siding, fascias, mansards and equipment screens system. In addition, a complete line of rainware and perimeter roof edge trims can be supplied by ATAS to complement the wall system. Flat sheet and/or coil stock is available in matching color for fabrication of related components 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

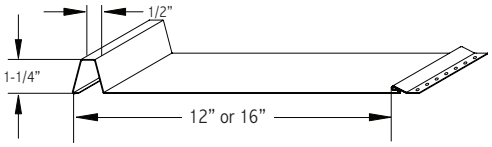
Eco Seam panels are virtually maintenance free. Surface residue may be easily removed by conventional cleaning methods. Minor scratches may be touched up with a matching paint, available from the manufacturer.

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.construction.com
- www.atas.com
- Additional product information is available from the manufacturer upon request.



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