

1. PRODUCT NAME

VERSA-SEAM™

VSS080, VSS100, VSS120

2. MANUFACTURER

ATAS INTERNATIONAL, INC.

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3. PRODUCT DESCRIPTION

Basic Uses:

Versa-Seam is a rainscreen style system that requires a water and air barrier system behind it. The panel forms architectural shadow lines in its horizontal installation and is available with three optional reveal or shadow line configurations and optional end folds.

Composition & Materials:

Standard Offerings: Versa-Seam panels are produced from .032 and .040 aluminum

Special Offerings: .8, 1.0 mm zinc, or 16, 20 oz. copper; .0197 classic & tin matte stainless steel may be specified, subject to minimum quantities and lead time.

Sizes:

Versa-Seam panels are available in standard sizes with a panel width of 8", 10" or 12" and 1" height. Panel lengths are cut to customer specifications with a minimum of 3'-0" and a maximum of 20'-0". Custom widths available.

Colors & Finishes:

A choice of over 40 stock colors is available in a 70% PVDF finish. (Request color chart or chips). Custom colors available. An anodized finish is available in Clear Satin or Dark Bronze. Texture can be smooth, stucco embossed, or wood grain embossed (available in 24 ga. metallic coated steel, .032 aluminum & .040 aluminum only). Perforations are available. The panel may also be louvered.

4. TECHNICAL DATA

70% 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

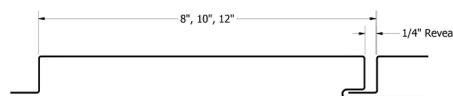
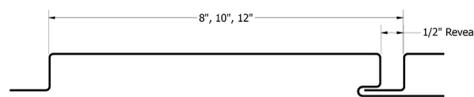
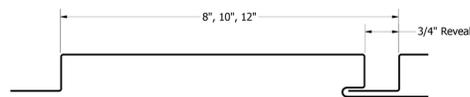
- Water Immersion Resistance: ASTM D 870
- Abrasion Resistance: ASTM D 968
- Acid Resistance: ASTM D 1308
- Acid Rain Resistance (Kesternich): ASTM G 87 or DIN 50018
- Salt Spray: ASTM B 117
- Cyclic Salt Spray: ASTM D 5894 and ASTM D 5487
- Humidity Resistance: ASTM D 2247
- Accelerated Weathering: 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:

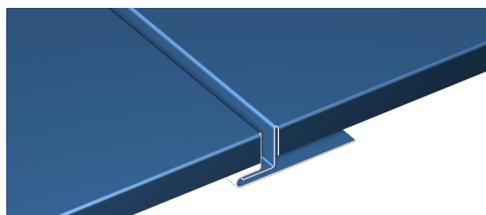
- Aluminum: ASTM B 209
- Coil Coating: ASTM A 755

5. INSTALLATION

Versa-Seam may be installed horizontally or vertically. Panels can be installed over a solid substrate covered with an appropriate water and air barrier system or sub grit system in a rainscreen application. Installation details and hands-on



Panel with Optional End Fold



training via seminars are available through ATAS. Visit www.atas.com for more information.

6. AVAILABILITY & COST

Availability:

Versa-Seam panels are available through ATAS product distributors. A complete line of related components and trim accessories is available to complete the system. In addition, a complete line of rainware and perimeter roof edge trims can be supplied by ATAS to complement the application. Flat sheet and/or coil stock is available in matching colors for fabrication of related components by the installing contractor.

*Subject to minimum quantities and extended lead times.

Cost:

Contact ATAS product distributors for current pricing.

7. WARRANTY

The fluoropolymer, 70% PVDF finish carries a limited warranty against chalking and fading.

8. MAINTENANCE

Versa-Seam panels require minimal maintenance. Surface residue may be easily removed by conventional cleaning methods. For painted products, minor scratches should 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.atas.com
- Additional product information is available

