1. PRODUCT NAME

BELVEDERE™ SHORT RIB

PANEL BWK360

2. MANUFACTURER

ATAS INTERNATIONAL, INC.
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Allentown, PA 18106
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3. PRODUCT DESCRIPTION

Basic Uses:
Short Rib Panel is a 1 ½" deep ribbed panel that features six broad low and six narrow high cells. This panel can be installed vertically or horizontally on walls and used for roofing applications.

Composition & Materials:
Standard Offerings: Short Rib Panel is roll-formed from .032, .040, and .050 aluminum; 24 gauge metallic coated steel; 24 gauge 55% Al-Zn alloy coated steel with acrylic coating.
Special Offerings: 20 and 22 gauge Metallic Coated Steel; 20 and 22 gauge 55% Al-Zn alloy Coated Steel with acrylic coating may be specified, subject to minimum quantities and lead time.

Sizes:
Short Rib Panel has a 1 1/2" high rib and is 36" wide. Panel lengths are cut to customer specifications, with a minimum of 6'-0" and maximum to transportation limitations and/or product and project design considerations.

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 may be smooth or stucco embossed, depending on gauge. Perforations are available.

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
- Organic coatings meet requirements of AAMA 2605 when applied to aluminum.

Panel testing/ratings:

- UL Fire resistance rating design numbers: See www.ul.com, File R12113, or contact ATAS for current listing.
- Galvanized Steel: ASTM A 653
- 55% Al-Zn alloy Coated Steel: ASTM A 792
- Aluminum: ASTM B 209
- Coil Coating: ASTM A 755
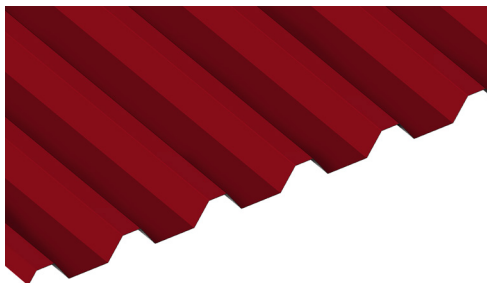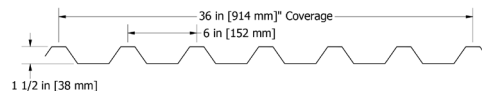- Load Tables available upon request.

5. INSTALLATION

Installation is with direct fastening methods. When used in roofing applications special practices and restrictions apply. Recommended minimum slope is 1 1/2:12. Installation details and hands-on training via seminars are available through ATAS. Visit www.atas.com for more information.

6. AVAILABILITY & COST

Availability:
Short Rib Panel is available through ATAS product distributors. A complete line of related components and trim accessories is available to complete the wall 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, 70% PVDF finish carry a limited warranty against chalking and fading.

8. MAINTENANCE

The Short Rib Panel requires 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 from the manufacturer upon request.

36 in [914 mm]" Coverage
6 in [152 mm]
1 1/2 in [38 mm]