



# ATAS INTERNATIONAL, INC.

## SPECIFICATION DATA SHEET

### 1. PRODUCT NAME

#### **BELVEDERE PANEL™ SPAN WALL – RIB PANEL BWS240 – BWR360**

### 2. MANUFACTURER

ATAS INTERNATIONAL, INC.  
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Maryville, TN 37801  
Phone: (800) 468-1441

### 3. PRODUCT DESCRIPTION

#### **Basic Uses:**

The Belvedere is a structural wall panel that offers design freedom for all types of buildings. The panel can be installed either on solid substrate or spaced framing.

#### **Composition & Materials:**

**Standard Offerings:** Span Wall is available in .032 (embossed only), .040 and .050 Aluminum and 24 gauge Metallic Coated Steel (embossed only). Rib Panel is available in .032, .040 and .050 Aluminum and 24 gauge Metallic Coated Steel.

**Special Offerings:** 22 gauge Metallic Coated Steel may be specified for Span Wall and Rib PANEL, subject to minimum quantities and lead time.

#### **Sizes and Profiles:**

Span Wall (BWS240) has a 4" high rib and is 24" wide. Rib Panel (BWR360) has 1½" ribs and is 36" wide. Panel lengths are cut to customer specifications, (RIB PANEL 6' minimum, Span Wall 9' minimum) to 40' maximum.

#### **Colors & Finishes:**

A choice of 30 colors is available in a 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, depending on gauge.

### 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  
Flame Spread Rating: ASTM E 84  
Organic coatings meet requirements of AAMA 2605 when applied to aluminum.

#### **Panel testing/ratings:**

UL Fire resistance rating design numbers: See [www.ul.com](http://www.ul.com), File R12113, or contact ATAS for current listing.

Galvanized Steel: ASTM A 653

Aluminum: ASTM B 209

Coil Coating: ASTM A 755

Field Tested and Approved

Load Tables available upon request.

### 5. INSTALLATION

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 & COST

#### **Availability:**

Belvedere panels are 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, KYNAR 500® PVDF or HYLAR 5000® PVDF finish carry a thirty (30) year limited warranty against cracking, peeling, chalking and fading.

### 8. MAINTENANCE

Belvedere 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](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.

