



# ATAS INTERNATIONAL, INC.

## SPECIFICATION DATA SHEET

### 1. PRODUCT NAME

#### **BELVEDERE CORRUGATED PANEL BWC374**

### 2. MANUFACTURER

ATAS INTERNATIONAL, INC.  
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### 3. PRODUCT DESCRIPTION

#### **Basic Uses:**

BWC374 is an economical,  $\frac{7}{8}$ " high corrugated product with excellent performance characteristics. This panel can be used for roofing applications and installed vertically or horizontally on walls.

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

**Standard Offerings:** The BWC374 panel is roll-formed from .032, .040 and .050 Aluminum.

**Special Offerings:** 18, 20, 22 and 24 gauge Metallic Coated Steel; 18, 20 and 22 gauge 55% Al-Zn alloy Coated Steel with acrylic coating; 16 or 20 oz. Copper.

#### **Sizes:**

The BWC374 panels are 40  $\frac{7}{8}$ " wide with a 37  $\frac{1}{4}$ " wide net coverage area. Panel lengths are cut to customer specifications, with a minimum of 6' and a maximum to transportation limitations.

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

A choice of 30 colors is available in a KYNAR 500® PVDF or HYLAR 5000® PVDF finish. An anodized finish is available in clear or dark bronze. (Request color chart or chips). Texture may be smooth or stucco embossed. Panels can be solid or perforated.

### 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 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  
55% Al-Zn alloy Coated Steel: ASTM A 792  
Aluminum: ASTM B 209  
Copper: ASTM B 370  
Coil Coating: ASTM A 755  
Field Tested and Approved.  
Load Tables available upon request.

### 5. INSTALLATION

Installation is with direct fastening methods. 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:**

The BWC374 panel is available through ATAS product distributors. A complete line of related components and trim accessories is available to complete the roof or wall system. In addition, a complete line of rainware and perimeter roof edge trims can be supplied by ATAS to complement the project. 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

The BWC374 panel is 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.

