



## 1. PRODUCT NAME

**WAVE PANEL  
BWW400**

## 2. MANUFACTURER

ATAS INTERNATIONAL, INC.  
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Corporate Headquarters:  
Allentown, PA 18106  
Phone: (800) 468-1441

## 3. PRODUCT DESCRIPTION

### Basic Uses:

Wave Panel is a panel to be used for wall cladding on both residential and commercial buildings. Wave Panel may be used for new construction or renovation.

### Composition & Materials:

**Standard Offerings:** Panels are roll-formed from .032, .040, and .050 aluminum; or 22-gauge metallic coated steel.

### Sizes and Profiles:

The deep, non-symmetrical curves in the corrugated Wave Panel offer architects a fresh way to create interesting wall designs. Panels are 39 $\frac{3}{4}$ " wide nominal, including a 2 $\frac{7}{8}$ " side lap. Panel lengths are cut to customer specifications, with a minimum of 18 $\frac{1}{2}$ " minimum 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. Wave Panel may be specified with embossed finish or a smooth finish.

## 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 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:

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

## 5. INSTALLATION

Wave Panel is installed vertically or horizontally on a wall. The panel is installed with metal fasteners long enough to penetrate the appropriate substrate. Installation details and hands-on training via seminars are available through ATAS. Visit [www.atas.com](http://www.atas.com) for more information.

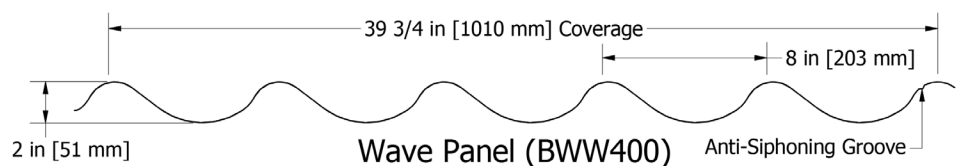
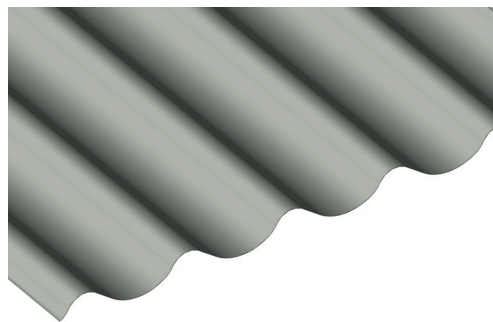
## 6. AVAILABILITY & COST

### Availability

Wave Panel is available through ATAS product distributors. A complete line of related components and trim accessories is available to complete the roof system. Flat sheet and/or coil stock in matching color is also available for fabrication of related accessories 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

Wave Panel requires minimal maintenance. Surface residue may be easily removed by conventional cleaning methods. 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](http://www.atas.com). ATAS will assist with design ideas and shop drawings.

## 10. FILING SYSTEM

- [www.atas.com](http://www.atas.com)
- Additional product information is available from the manufacturer upon request.

