



ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

BELVEDERE SHORT RIB PANEL BWK360

2. MANUFACTURER

ATAS INTERNATIONAL, INC.

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Maryville, TN 37801

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3. PRODUCT DESCRIPTION

Basic Uses:

BWK360 is a 1- 1/2" deep ribbed panel that features six broad low and six narrow high cells. This panel can be used for roofing applications and installed vertically or horizontally on walls.

Composition & Materials:

Standard Offerings: The BWK360 panel is roll-formed from .032 and .040 Aluminum; 24 gauge Metallic Coated Steel.

Special Offerings: 20, 22 and 24 gauge 55% Al-Zn Coated Steel; 20 and 22 gauge Metallic Coated Steel; 16 or 20 oz. Copper.

Sizes:

The BWK360 panel has 36" (width) net coverage. Panel lengths are cut to customer specifications, with a minimum of 2' and a maximum of 45'.

Colors & Finishes:

A choice of 30 colors is available in a KYNAR 500® PVDF or HYLAR 5000® PVDF finish. (Request color chart or chips).

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

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 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 for more information.

6. AVAILABILITY & COST

Availability:

The BWK360 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, KYNAR 500® PVDF or HYLAR 5000® PVDF finish carry a thirty (30) year limited warranty against cracking, peeling, chalking and fading.

8. MAINTENANCE

The BWK360 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. ATAS will assist with design ideas and shop drawings.

10. FILING SYSTEM

• www.construction.com

• www.atas.com

• Additional product information is available from the manufacturer upon request.

