



ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

BELVEDERE™ GRAND R PANEL BWG390

2. MANUFACTURER

ATAS INTERNATIONAL, INC.

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Allentown, PA 18106

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Mesa, AZ 85204

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Maryville, TN 37801

Phone: (800) 468-1441

3. PRODUCT DESCRIPTION

Basic Uses:

Grand R panel provides wider coverage and is one of the most economical to install of all the "R" panels in the industry. Grand R can be combined with one of our liner panels to create a cost effective, energy efficient wall system. This panel can be used for roofing applications and installed vertically or horizontally on walls.

Composition & Materials:

Standard Offerings: Grand R panels are rollformed 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. Contact factory for other available gauges.

Sizes:

Grand R panels have 39" 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:

Grand R panels are 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

Grand R 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. 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.

