



ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

RIGID-WALL PANEL MFR160

2. MANUFACTURER

ATAS INTERNATIONAL, INC.

website: www.atas.com

email: info@atas.com

Corporate Headquarters:

Allentown, PA 18106

Phone: (610) 395-8445

Fax: (610) 395-9342

Western Facility:

Mesa, AZ 85204

Phone: (480) 558-7210

Fax: (480) 558-7217

Southern Facility:

Maryville, TN 37801

Phone: (800) 468-1441

3. PRODUCT DESCRIPTION

Basic Uses:

Rigid-Wall is a 16" wide by 7/8" deep panel that provides dramatic shadow lines with its 1 5/8" wide ribs. The system utilizes concealed fasteners to offer uninterrupted vertical or horizontal sight lines.

Composition & Materials:

Standard Offerings: Rigid-Wall panels are roll-formed from .032, .040 and .050 Aluminum; .032 clear anodized and bronze anodized aluminum.

Special Offerings: 18, 20, 22, and 24 gauge Metallic Coated Steel; 18, 20 and 22 gauge Galvalume® Plus.

Sizes:

Rigid-Wall panels have a 16" wide nominal coverage. Panel lengths are cut to customer specifications, with a minimum of 4' and a maximum of 30'.

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

Galvalume® Plus Steel: ASTM A 792

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 for more information.

6. AVAILABILITY & COST

Availability:

Rigid-Wall 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

Rigid-Wall 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.

