

## 1. PRODUCT NAME

### RIGID WALL II™ MFN

## 2. MANUFACTURER

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## 3. PRODUCT DESCRIPTION

### Basic Uses:

Rigid Wall II profiles are available in widths of 8", 12", or 16". The panels are 15/16" deep and provide dramatic shadow lines with their 1 5/8" wide ribs. The panels utilize the Wind-Lok™ concealed fastening system and offer uninterrupted vertical or horizontal sight lines.

### Composition & Materials:

**Standard Offerings:** Rigid Wall II panels are roll-formed from .032, .040 and .050 aluminum; 24, 22 gauge metallic coated steel; and 24 gauge 55% Al-Zn alloy coated steel with acrylic coating.

**Special Offerings:** 18 and 20 gauge metallic coated steel; 1.0 mm zinc; and 18, 20, and 22 gauge Al-Zn alloy coated steel with acrylic coating.

### Sizes:

Rigid Wall II panels have an 8", 12", or 16" wide nominal coverage. Panel lengths are cut to customer specifications, with a minimum of 6'-0" 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. Texture may be smooth or stucco embossed. Panels can be solid or perforated.

## 4. TECHNICAL DATA

### 70% PVDF 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

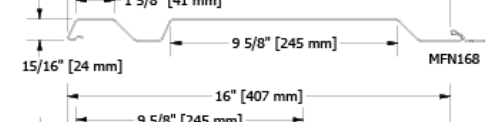
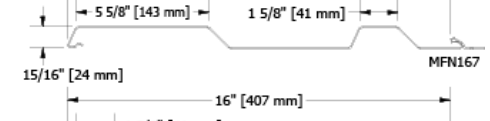
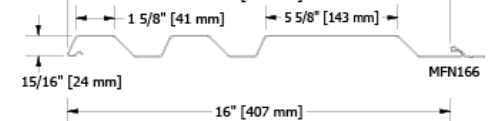
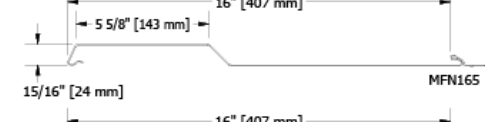
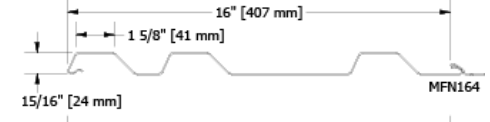
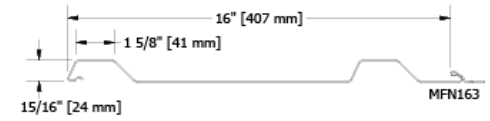
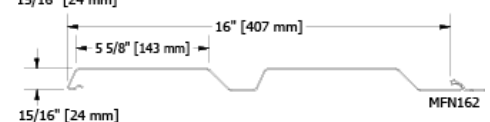
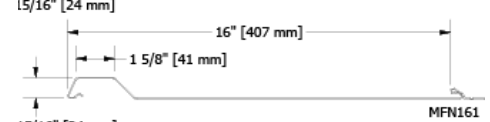
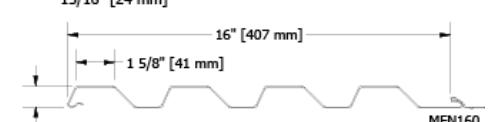
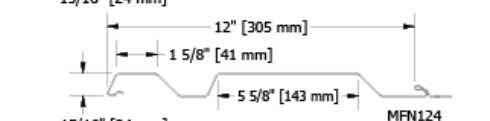
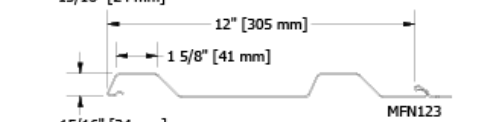
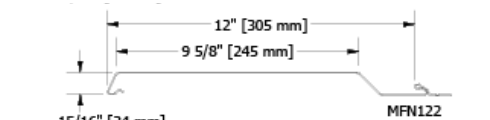
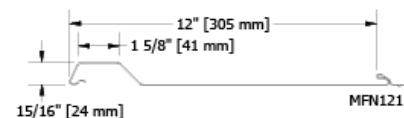
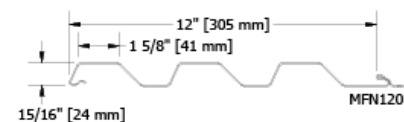
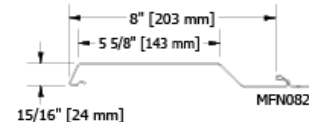
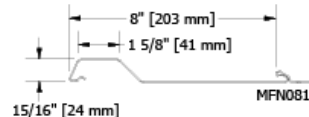
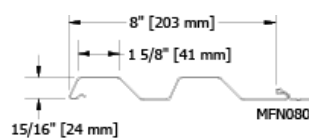
- Acid Resistance: ASTM D 1308
- Acid Rain Resistance (Kesternich): ASTM G 87 or DIN 50018
- Salt Spray: ASTM B 117
- Cyclic Salt Spray: ASTM D 5894 and ASTM D 5487
- Humidity Resistance: ASTM D 2247
- Accelerated Weathering: ASTM D 822 and ASTM G 23, ASTM G 151 or ASTM G 153
- Color Retention, Florida 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](http://www.ul.com), File R12113, or contact ATAS for current listing. ASTM E 84 Flame Spread
- Galvanized Steel: ASTM A 653
- 55% Al-Zn alloy Coated Steel with acrylic coating : ASTM A 792
- Aluminum: ASTM B 209
- Coil Coating: ASTM A 755
- Load Tables available upon request.

## 5. INSTALLATION

Installation manuals 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:

Rigid Wall II 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, 70% PVDF finish carry a limited warranty against chalking and fading.

## 8. MAINTENANCE

Rigid Wall II panels require minimal maintenance. Surface residue may be easily removed by conventional cleaning methods. For painted products, 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.

