

1. PRODUCT NAME

**OMAWALL PL with EVO™
OMP260, OMP160**

2. MANUFACTURER

ATAS INTERNATIONAL, INC.
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3. PRODUCT DESCRIPTION

Basic Uses:

Omwall PL with EVO™ is an architectural plate panel and made fully of non-combustible materials. EVO™ is a patented panel extrusion attachment developed by Carter Architectural. Panels are prefabricated and field-cut, saving on installation time and costs by avoiding field-fabrication. It installs quickly and easily in horizontal or vertical orientation with a dry joint design incorporating metal splines to create the reveal appearance. This panel is ideal for all types of commercial, educational, and healthcare buildings, as well as multi-family residential and mixed-use buildings.

Composition & Materials:

Standard Offerings: Omwall PL panels are produced from .10 aluminum.

Sizes:

Omwall panels are available in standard sizes with coverage of 26" x 26" and 16" x 96" and a panel depth 1 3/4". Inquire for special panel sizes.

Colors & Finishes:

A choice of over 40 stock colors is available in a 70% PVDF finish. (Request color chart or chips). Custom colors available. Texture is smooth.

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

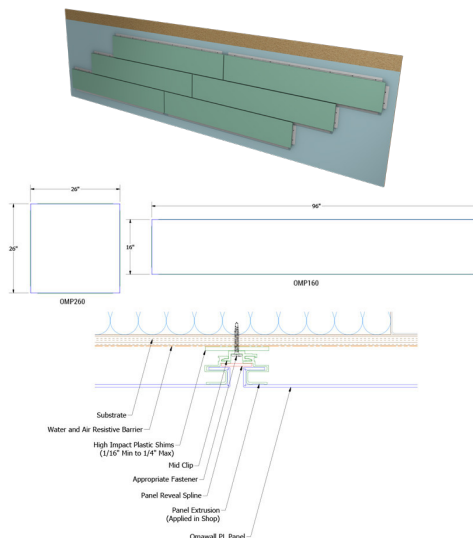
- Accelerated Weathering: ASTM D 822 and ASTM G 155, ASTM G 151 or ASTM G 153
- Color Retention, Florida Exposure: ASTM D 2244
- Chalking Resistance: ASTM D 4214
- Cleveland Condensing Cabinet: ASTM D 4585
- Cure Test, MEK Resistance: ASTM D 5402
- Alkali Resistance, Sodium Hydroxide: ASTM D 1308, Procedure 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
- Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen - ASTM E283
- Structural Performance Of Exterior Windows, Doors, Skylights And Curtain Walls By Uniform Static Air Pressure Difference - ASTM E330
- Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference - ASTM E331
- Voluntary Test Method and Specification for Pressure Equaized Rain Screen Wall Cladding Systems - AAMA 508-07
- Water Penetration of Windows, Curtain Walls and Doors Using Dynamic Pressure - AAMA 501.1-15 (dynamic)
- Structural Performance of Exterior Windows, Doors, Skylights, and Curtain Walls by Cyclic Air Pressure Differential - ASTM E1233 (modified)
- Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components - NFPA 285

5. INSTALLATION

Wall panels consist of single sheets of .10 thick aluminum, formed and fabricated and assembled



into a concealed extrusion system. Panels are then attached using extruded clips that are mechanically fastened into a solid substrate or secondary framing system. Finally, metal splines are inserted into the panel extrusion to conceal the attachment and create the panel reveal. Visit www.atas.com for more information.

6. AVAILABILITY & COST

Availability:

Omwall PL panels are available through ATAS product distributors. A complete line of related components and trim accessories is available to complete the system. In addition, a complete line of rainware and perimeter roof edge trims can be supplied by ATAS to complement the application. 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

The fluoropolymer, 70% PVDF finish carries a limited warranty against chalking and fading.

8. MAINTENANCE

Omwall PL 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. ATAS will assist with design ideas and shop drawings.

10. FILING SYSTEM

- www.atas.com/omwallpl
- Additional product information is available from the manufacturer upon request.

