

1. PRODUCT NAME

MULTI-PURPOSE PANEL™
MPN, MPW, MPV, MPH, MPS

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

Basic Uses:

Multi-Purpose panels with the Wind-Lok application have a smooth, sleek appearance with a concealed, clipless fastening system. These panels are typically used for siding, fascias, mansards and equipment screens.

Composition & Materials:

Standard Offerings: Panels are roll-formed from .032 or .040 aluminum or 24 gauge metallic coated steel.

Special Offerings: 22 gauge metallic coated steel; 16, 20 oz. copper; .8 (MPS only), 1.0 mm zinc; .0197 classic & tin matte stainless steel. (MPS: .032 aluminum only; MPH127: .040 aluminum, 22 ga. steel only)

Sizes and Profiles:

Four 8" wide panels, seven 12" wide panels and six 16" wide panels are available. The semi-standing seam (MPN code), the batten style (MPW code) and the plank or barn board (MPH code) give completely different appearances. A slight "V" in the MPH series gives another variation in style (MPV code). Panel lengths are cut to customer specifications with a minimum of 3'-0" and a 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, stucco embossed, or wood grain embossed (available in 24 ga. metallic coated steel, .032 aluminum & .040 aluminum only). Perforations are available.

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

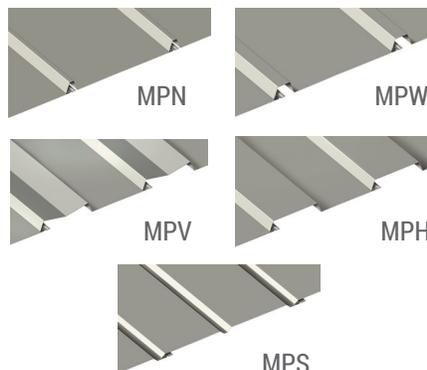
- Mandrel Bend Flexibility: ASTM D 522
- Impact Resistance: ASTM D 2794
- Adhesion: ASTM D 3359 Water Immersion Resistance: ASTM D 870
- Abrasion Resistance: ASTM D 968
- Acid Resistance: ASTM D 1308
- Acid Rain Resistance (Kesternich): ASTM G 87 or DIN 50018
- Salt Spray: ASTM B 117
- Cyclic Salt Spray: ASTM D 5894 and ASTM D 5487
- Humidity Resistance: ASTM D 2247
- Accelerated Weathering: ASTM D 822 and ASTM G 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
- Flame Spread Rating: ASTM E 84
- Organic coatings meet requirements of AAMA 2605 when applied to aluminum.

Panel testing/ratings:

- UL 580 Class 90 (UL File No. R12113)
- Air Infiltration: ASTM E 283
- Water Penetration: ASTM E 331
- Wind Driven Rain: AAMA 501.1
- Fire Resistance: UL 790/ASTM E 108
- Class A & B Fire Rating
- Galvanized Steel: ASTM A 653
- Florida Approval Product: FL 16083
- Aluminum: ASTM B 209
- Coil Coating: ASTM A 755
- Load Tables available upon request.

5. INSTALLATION

Installation is achieved by interlocking the panel into the preceding panel and fastening with mechanical fasteners. The rib of the adjoining panel will conceal the fasteners. Installation details or hands-on training via seminars are available through ATAS. Visit www.atas.com for more information.



6. AVAILABILITY & COST

Availability:

Multi-Purpose 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 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 thirty (30) year limited warranty against chalking and fading.

8. MAINTENANCE

Multi-Purpose panels require minimal maintenance. 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.atas.com
- Additional product information is available from the manufacturer upon request.

