



ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

PC SYSTEMS™

2. MANUFACTURER

ATAS INTERNATIONAL, INC.

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3. PRODUCT DESCRIPTION

Basic Uses:

PC panels may be batten style or standing seam. This is a two piece system where the seam is snapped over the clips and fasteners. Uses include roofs, mansards and equipment screens. The PC panels may be used for tapered installations, and they can be curved in concave or convex styles. The PC panels are not structural panels and must be applied to a solid substrate.

Composition & Materials:

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

Special Offerings: 16 oz. copper may be specified, subject to minimum quantities and lead time.

Sizes and Profiles:

PC Batten Style panels are available in 1" (PCB001) and 2" (PCB002) heights. The Standing Seam (PCS114) is 1" high. Three different pan widths may be specified: 11 1/4" (PCP110), 12 5/8" (PCP120) and 15 1/4" (PCP150). Custom width and tapered panels are available. PCX114 Convex Standing Seam panels and PCV114 Concave Standing Seam panels are 1" high. PCX114 Convex has a minimum radius of 2'-9" and the PCV114 Concave has a minimum radius of 4'. Panel lengths are cut to customer specifications, with a minimum of 2'(3' for curved) and maximum to transportation limitations and/or product and project design considerations.

Colors & Finishes:

A choice of over 30 stock colors is available in a KYNAR 500® PVDF or HYLAR 5000® PVDF finish. (Request color chart or chips).

An anodized finish is available in Clear or Dark Bronze. Texture may be smooth or embossed.

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 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:
Uplift: UL 580
Air Infiltration: ASTM E 283
Water Penetration: ASTM E 331
Galvanized Steel: ASTM A 653
55% Al-Zn Alloy Coated Steel: ASTM A 792
Aluminum: ASTM B 209
Copper: ASTM B 370
Coil Coating: ASTM A 755
Field Tested and Approved

5. INSTALLATION

The PC Standing Seam is snapped over the clips and fasteners, concealing the fastening system. With the Batten Style, the system is installed with a spacer clip, and the batten is snapped into place. Recommended minimum slope is 3 in 12. Installation manuals and hands-on training through seminars are available. Contact ATAS technical service advisors for more information.

6. AVAILABILITY & COST

Availability:

PC Systems are readily available through ATAS product distributors. A complete line of related components and trim accessories is available to complete the project. In addition, a complete line of rainware and perimeter roof edge trims can be supplied by ATAS to complement the roof 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 warranty against chalking and fading.

8. MAINTENANCE

PC Systems are virtually maintenance free. 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 from ATAS International, Inc. 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.

