



## 1. PRODUCT NAME

### LINEAR CEILING™ SYSTEM

## 2. MANUFACTURER

ATAS INTERNATIONAL, INC.  
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 Mesa, AZ 85204  
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## 3. PRODUCT DESCRIPTION

**Basic Uses:**  
 Linear Ceiling Systems are available for interior or exterior use.

**Composition & Materials:**  
**Standard Offerings:** Panels are roll-formed from .032 (70% PVDF finish), .024 or .019 (polyester finish) aluminum.

**Sizes and Profiles:**  
 Panel widths may be 3 $\frac{3}{8}$ " or 7 $\frac{3}{8}$ ". Panel widths with filler strips may be 4" or 8" Panel lengths may be from 4' to 45'. Panels may have a rounded edge (LCR) or a box edge (LCB). They may be installed with or without a recessed filler strip or a flush filler strip.

**Colors & Finishes:**  
 In the .032 aluminum, there is a choice of over 40 standard colors in the 70% PVDF finish. (Request color chart or chips.) In the .019 aluminum, the polyester finish is available in 6 standard colors. In the .024 aluminum, the polyester finish is available in white only. A mirror bright finish is available in .024 aluminum with round edge only. The .032 aluminum is also available in clear satin and dark bronze anodized. Laminates available. Perforations, louvered, vented, or lanced 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 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

## 5. INSTALLATION

A suspended ceiling carrier is pre-punched and rollformed from prepainted .040 aluminum. The standard length of the carrier is 12'. The carrier is suspended by wire or strips, or attached directly to the substructure, and the panel is snapped on the carrier, with or without filler strips. Because of the 4" increments on the carrier, the different size panels are interchangeable. 1/8" space should be allowed between panels for thermal movement along the panel length. For acoustical efficiency, fiberglass insulation may be placed across the top of the panels between the carriers. Installation manuals or hands-on training through seminars are available through ATAS. Visit [www.atas.com](http://www.atas.com) for more information.



## 6. AVAILABILITY & COST

**Availability:**  
 Linear Ceiling Systems are readily available through ATAS product distributors. Perimeter trim, mouldings, etc. in matching or coordinating colors are also available.

**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

Linear Ceiling Systems 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](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.

