



ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

LINEAR CEILING SYSTEMS

2. MANUFACTURER

ATAS INTERNATIONAL, INC.

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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 (PVDF finish), .024 or .019 (Polyester Finish) Aluminum.

Sizes and Profiles:

Panel widths may be 3 3/8", 7 3/8" or 11 3/8". 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 30 colors in the KYNAR 500® PVDF or HYLAR 5000® 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 and dark bronze anodized.

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:

Aluminum: ASTM B 209

Coil Coating: ASTM A 755

Field Tested and Approved.

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 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, KYNAR 500® PVDF or HYLAR 5000® PVDF finish carry a thirty (30) year limited warranty against cracking, peeling, chalking and fading.

8. MAINTENANCE

Linear Ceiling Systems are virtually maintenance free. 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.construction.com
- www.atas.com
- Additional product information is available from the manufacturer upon request.

