

## 1. PRODUCT NAME

**SterraCore™ MAU999**

## 2. MANUFACTURER

ATAS INTERNATIONAL, INC.

Website: [www.atas.com](http://www.atas.com)

Email: [info@atas.com](mailto:info@atas.com)

Corporate Headquarters:

Allentown, PA 18106

Phone: (610) 395-8445

Fax: (610) 395-9342

Western Facility:

Mesa, AZ 85204

Phone: (480) 558-7210

Fax: (480) 558-7217

## 3. PRODUCT DESCRIPTION

### Basic Uses:

SterraCore aluminum composite material panels provide durable, eye-catching facias, soffits, canopies, and decorative towers for retail, schools, hospitals and high profile commercial projects.

### Composition & Materials:

**Standard Offerings:** polyallomer, corrugated core between two finished aluminum sheets.

### Colors & Finishes:

A choice of over 30 standard colors is available in a Kynar® 500 PVDF or Hylar® 5000 PVDF finish. (Request color chart or chips). Custom colors available. Texture is smooth.

## 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

Panels are installed over a solid substrate covered with an appropriate water and air barrier system. Installation methods include clip & seal, rout & return, dry seal, and 1-piece, tight-fit molding.

## 6. AVAILABILITY & COST

### Availability:

SterraCore 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 colors for fabrication of related components by the installing contractor.

### Cost:

Contact ATAS product distributors for current pricing.

## 7. WARRANTY

The fluoropolymer, Kynar 500® PVDF or Hylar 5000® PVDF finish carries a limited warranty against chalking and fading.

## 8. MAINTENANCE

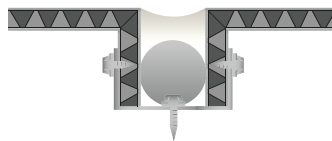
SterraCore panels are virtually maintenance free. Surface residue may be easily removed by conventional cleaning methods. For painted products, minor scratches should be touched up with a matching paint, available from the manufacturer.

## 9. TECHNICAL SERVICES

Complete technical information and literature are available at [www.atas.com](http://www.atas.com). ATAS will assist with design ideas and shop drawings.

## 10. FILING SYSTEM

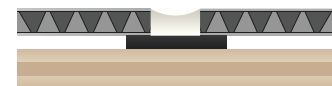
- [www.atas.com](http://www.atas.com)
- Additional product information is available from the manufacturer upon request.



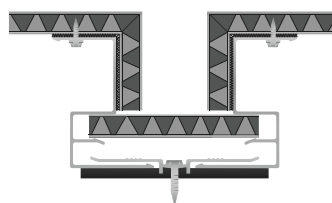
Rout & Return



1-Piece, Tight-Fit Molding



Clip & Seal



Dry Seal

