



ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

OPALINE PANEL™

2. MANUFACTURER

ATAS INTERNATIONAL, INC.

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3. PRODUCT DESCRIPTION

Basic Uses:

Opaline panels have a smooth appearance with a concealed clipless fastening system. These panels are typically used for both interior and exterior walls and ceilings.

Composition & Materials:

Standard Offerings: Opaline panels are formed from .032 and .040 Aluminum; 24 gauge Metallic Coated Steel.

Sizes:

The OPM045 is a 4 1/2" panel with three 1" wide ribs, 1 1/2" on center. OPF040, OPF060 and OPF080 are 4", 6" and 8" wide panels that create a flush surface. OPN041, OPN061 and OPN081 are 4", 6" and 8" panels with a 1" raised rib. The OPW045, OPW065 and OPW085 are 4 1/2", 6 1/2" and 8 1/2" wide panels with a 1/2" reveal. Panel lengths are cut to customer specifications, with a minimum of 2' to any transportable length. The OPW and OPF panels produced from .032 aluminum can be lanced for ventilation.

Colors & Finishes:

A choice of 30 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 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

Organic coatings meet requirements of AAMA 2605 when applied to aluminum.

Panel testing/ratings:

Galvanized Steel: ASTM A 653

Aluminum: ASTM B 209

Coil Coating: ASTM A 755

Field Tested and Approved.

Load Tables available upon request.

5. INSTALLATION

Opaline panels are installed on a basic tongue and groove system with mechanical fasteners. The fasteners are hidden by the consecutive panel. Contact ATAS technical service advisors for more information, including details and installation seminars.

6. AVAILABILITY & COST

Availability:

Opaline panels are available through ATAS product distributors. A complete line of related components and trim accessories is available to complete the wall system. In addition, a complete line of rainware and perimeter roof edge trims can be supplied by ATAS to complete the wall system. Flat sheet and/or coil stock are 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 thirty (30) year limited warranty against cracking, peeling, chalking and fading.

8. MAINTENANCE

Opaline panels 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.

