



1. PRODUCT NAME

DESIGN WALL™
DSF, DSH, DSV, DWF, DWH

2. MANUFACTURER

ATAS INTERNATIONAL, INC.
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3. PRODUCT DESCRIPTION

Basic Uses:

Design Wall consists of a 12" wide panel in two distinct profiles. Panels may be used for wall applications, soffits, fascia or equipment screens.

Composition & Materials:

Standard Offerings: Design Wall panels are roll-formed from .032, .040 and .050 aluminum; 24 gauge metallic coated steel; 24 gauge 55% Al-Zn alloy coated steel with acrylic coating; .8 and 1.0 mm zinc; and 16 and 20 oz. copper.

Special Offerings: 20 and 22 gauge metallic coated steel and 22 gauge 55% Al-Zn alloy coated steel with acrylic coating. Subject to minimum quantities and lead time.

Sizes:

Design Wall is a 12" wide panel in two distinct profiles. DSF, DSH, and DSV panels are 1 3/4" high; DWF and DWH panels are 1 1/8" high. The "F" code indicates a flat or flush panel and the "H" code indicates a "board" panel. The "board" panels have an upside of 6" that may be extended in 1" increments (subject to minimum orders). For every 1" change on the "board", the lower part of the panel is decreased to give net 12" coverage (with a maximum "board width of 11"). All panels have the same lock configuration. Stiffening ribs standard on DSF, DSH, DWF, and DWH; specify without. Striations are options on DSF & DWF. The DS panel is used primarily where increased structural integrity of the panel is required. Panels of .032 aluminum can be lanced for ventilation. Panel lengths are cut to customer specifications with a minimum of 3'-0", maximum to transportation limitations and/or product and project design considerations (DSV has maximum length of 26'-0").

Colors & Finishes:

A choice of over 40 stock colors is available in a 70% PVDF finish. (Request color chart or chips). Custom colors available. An anodized finish is available in Clear Satin or Dark Bronze. Texture may be smooth, stucco embossed or Wood Grain Embossed (DW series only, available in 24 ga. metallic coated steel, .032 aluminum & .040 aluminum only). Perforations are available. The panel may also be louvered or vented.

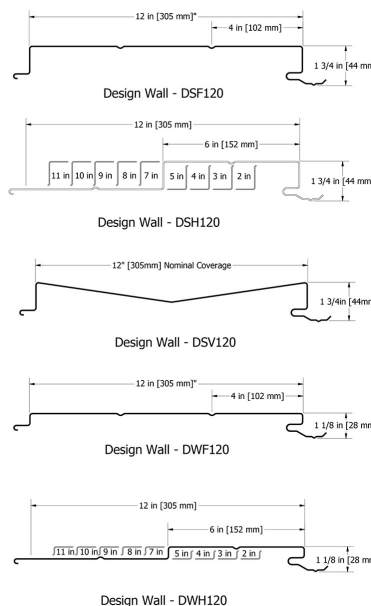
4. TECHNICAL DATA

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:

- 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
- Load Tables available upon request.



5. INSTALLATION

Design Wall may be installed horizontally or vertically. Installation details and hands-on training via seminars are available through ATAS. Visit www.atas.com for more information.

6. AVAILABILITY & COST

Availability:

Design Wall 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 complement the wall 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, 70% PVDF finish carry a limited warranty against chalking and fading.

8. MAINTENANCE

Design Wall panels require minimal maintenance. 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 ATAS International, Inc.

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.atas.com
- Additional product information is available from the manufacturer upon request.

