



ATAS INTERNATIONAL, INC.

SPECIFICATION DATA SHEET

1. PRODUCT NAME

CORRA-LOK™ PANEL MFC160

2. MANUFACTURER

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3. PRODUCT DESCRIPTION

Basic Uses:

Corra-Lok is a 16 5/8" wide by 7/8" deep structural panel that provides dramatic shadow lines with its 2 3/4" wide corrugations. Typical applications include walls, equipment screens, mansards and roofing. The system utilizes concealed fasteners to offer uninterrupted vertical or horizontal sight lines.

Composition & Materials:

Standard Offerings: Corra-Lok panels are roll-formed from .032 and .050 Aluminum, 24 gauge Metallic Coated Steel and 24 gauge AZ55 55% Al-Zn Coated Steel with acrylic coating.

Special Offerings: 22 gauge Metallic Coated Steel; 22 gauge 55% Al-Zn Coated Steel with acrylic coating; .040 Aluminum; 16 oz. Copper.

Sizes:

Corra-Lok panels have a 16 5/8" wide nominal coverage. Panel lengths are cut to customer specifications, with a minimum of 6' and a maximum to transportation limits.

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 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:
Galvanized Steel: ASTM A 653
55% Al-Zn Coated Steel: ASTM A 792
Aluminum: ASTM B 209
Copper: ASTM B 370
Coil Coating: ASTM A 755
Field Tested and Approved.
Load Tables available upon request.

5. INSTALLATION

Corra-Lok panels have a positive panel-to-panel interlock. Installation manuals or hands-on training via seminars are available through ATAS. Visit www.atas.com for more information.

6. AVAILABILITY & COST

Availability:

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

8. MAINTENANCE

Corra-Lok panels are virtually maintenance free. Surface residue may be easily removed by conventional cleaning methods. For painted products, 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.

