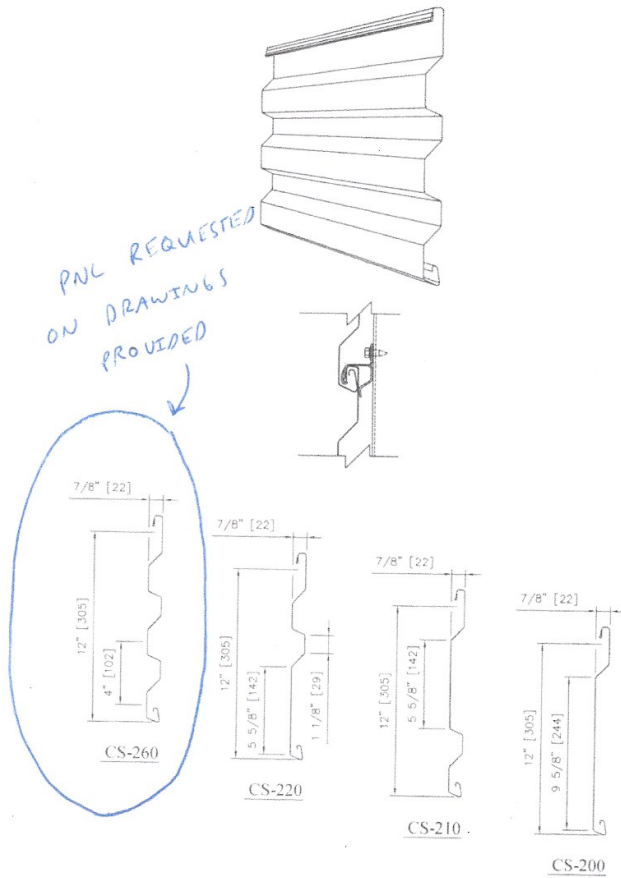**CENTRIA®**

Description

12" [305mm] wide coverage, 7/8" [22mm] deep profiled panels featuring one, two, or three asymmetrical ribs. These profiles have a unique interlocking side joint that incorporates a 16 gage [1.52mm] clip that provides concealed fastening and allows for thermal movement in non-overlapping conditions. This joint also functions to minimize moisture intrusion.

All Concept Series wall panels can be installed in a variety of horizontal or vertical rainscreen applications to form a complete wall system. Systems may vary from an uninsulated screen wall to a system utilizing MetalWrap®, an insulated composite backup panel system that provides Advanced Thermal and Moisture Protection (ATMP®). Contact your local CENTRIA sales person for more information regarding the performance of CENTRIA's rainscreens. This wall panel system has three attachment clip options. Contact CENTRIA for more information.
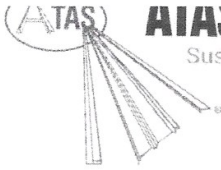
Notes

A. For information on special applications, contact your local CENTRIA Representative.
B. All Concept Series panels may be used on walls and soffits but not roofs.
C. Panel length tolerence is + or - 1/4" [6mm].
D. For protective coatings - see CENTRIA Color Chart or visit www.CENTRIA.com.
E. Oil canning within mill tolerences will not be cause for rejection.

PNL REQUESTED ON DRAWINGS PROVIDED (handwritten annotation)

CS-260

CS-220

CS-210

CS-200

General Design Options

	GALVANIZED[1] (G90)	STAINLESS STEEL[1] (304)	ALUMINUM[1] (3003-H14)	ZINC[1] (PRE-WEATHERED)
PANEL DEPTH	7/8" [22mm]	7/8" [22mm]	7/8" [22mm]	7/8" [22mm]
PANEL COVERAGE	12" [305mm]	12" [305mm]	12" [305mm]	12" [305mm]
SIDE LAP	Interlocking	Interlocking	Interlocking	Interlocking
END LAPS	(See standard detail) Shop or field notch 2" [51mm] for 22 [.76mm] and 24 [.60mm] gages only. Flash or extrusion for all gages	(See standard detail) Shop or field notch 2" [51mm] for 22 [.76mm] and 24 [.60mm] gages only. Flash for all gages	(See standard detail) Shop or field notch 2" [51mm] for .032" [.81mm] Flash or extrusion for all thicknesses	(See standard detail) Flashing
GAGES (STANDARD)	20 [.91mm], 22 [.76mm]	20 [.91mm], 22 [.76mm]	.040" [1.02mm], .050" [1.27mm]	1mm [.039"]
GAGES (OPTIONAL)	18 [1.19mm], 24 [.60mm] CS-260 only	24 [.60mm] CS-260 only	.032" [.81mm] CS-260 only	Contact CENTRIA
STANDARD LENGTH	5 [1.52m] - 30 ft. [9.14m]	5 [1.52m] - 30 ft. [9.14m]	5 [1.52m] - 20 ft. [6.10m]	5 [1.52m] - 10 ft. [3.05m][3]
TEXTURE (STANDARD)	Smooth	Smooth	Smooth	Smooth - Directional
TEXTURE (OPTIONAL)	Embossed[2] (20 [.91mm] - 24 [.60mm] gage only)	Embossed[2]	Embossed[2] (.032" [.81mm] only)	N/A
FINISHES	See CENTRIA Color Chart	#4 Brushed	See CENTRIA Color Chart	See Jarden Color Chart

1. Alternate base material, panel lengths and gages may also be available. Contact CENTRIA.
2. Embossing is non-directional.
3. Maximum Zinc Panel lengths are 10' [3.048m] for vertical and 20' [6.0m] for horizontal panels.
* Patent No.: US D538,948; D527,834

ATAS International, Inc.
Sustainable Building Envelope Technology

SPECIFICATION DATA SHEET

1. PRODUCT NAME
RIGID WALL II™
MFN

2. MANUFACTURER
ATAS INTERNATIONAL, INC.
Website: www.atas.com
Email: info@atas.com
Corporate Headquarters:
Allentown, PA 18106
Phone: (800) 468-1441
Western Facility:
Mesa, AZ 85204
Phone: (480) 558-7210

3. PRODUCT DESCRIPTION
Basic Uses:
Rigid Wall II profiles are available in widths of 8", 12", or 16". The panels are $^{15}/_{16}$" deep and provide dramatic shadow lines with their 1⅝" wide ribs. The panels utilize the Wind-Lok™ concealed fastening system and offer uninterrupted vertical or horizontal sight lines.

Composition & Materials:
Standard Offerings: Rigid Wall II panels are roll-formed from .032, .040 and .050 aluminum; 24, 22 gauge metallic coated steel; and 24 gauge 55% Al-Zn alloy coated steel with acrylic coating.
Special Offerings: 18 and 20 gauge metallic coated steel; 1.0 mm zinc; and 18, 20, and 22 gauge Al-Zn alloy coated steel with acrylic coating.

Sizes:
Rigid Wall II panels have an 8", 12", or 16" wide nominal coverage. Panel lengths are cut to customer specifications, with a minimum of 6'-0" and maximum to transportation limitations and/or product and project design considerations.

Colors & Finishes:
Available in a wide variety of material and color options, with a 70% PVDF finish. (Request color chart or chips). An anodized finish is available in Clear Satin or Dark Bronze. Texture may be smooth or embossed. Panels can be solid or perforated.

4. TECHNICAL DATA
70% PVDF 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:
- UL Fire resistance rating design numbers: See www.ul.com, File R12113, or contact ATAS for current listing. ASTM E 84 Flame Spread
- Galvanized Steel: ASTM A 653
- 55% Al-Zn alloy Coated Steel with acrylic coating : ASTM A 792
- Aluminum: ASTM B 209
- Coil Coating: ASTM A 755
- Load Tables available upon request.

5. INSTALLATION
Installation manuals and hands-on training via seminars are available through ATAS. Visit www. atas.com for more information.

Panel profiles: MFN080, MFN081, MFN082, MFN120, MFN121, MFN122, MFN123, MFN124, MFN160, MFN161, MFN162, MFN163, MFN164, MFN165, MFN166, MFN167, MFN168, MFN169

Information contained in item 4 Technical Data may be dependent upon panel material, gauge and width. Please contact ATAS for panel specific test data as applicable for a particular use or application.

LRD1120