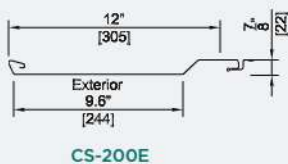
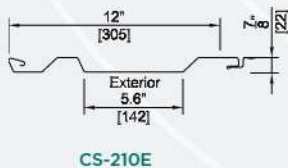
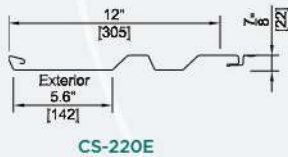
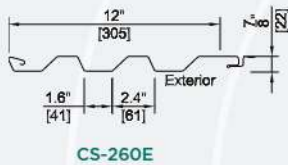
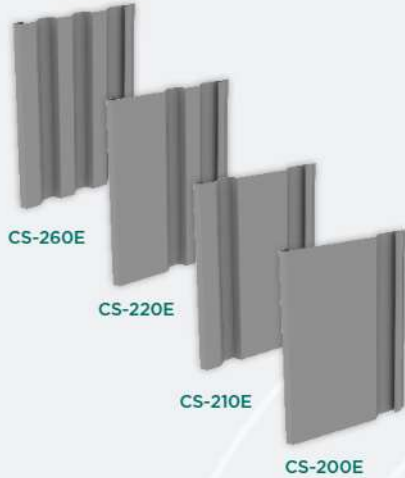


# CONCEPT SERIES<sup>®</sup>

EXTENDED LEG PANELS - CONCEALED FASTENER PANEL  
CS-260E, CS-220E\*, CS-210E, CS-200E\*

## TECHNICAL DATA SHEET



### 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 an extended leg that provides for concealed attachment. This extended leg wall panel system has been designed for vertical applications, horizontal soffit or other applications where thermal movement is less critical. The joint functions to minimize moisture intrusion. All Concept Series wall panels can be installed in a variety of rainscreen applications to form a complete wall system. Systems may vary from an uninsulated screen wall to a system utilizing MetalWrap<sup>®</sup>, an insulated composite backup panel system that provides Advanced Thermal and Moisture Protection (ATMP<sup>®</sup>). Contact your local CENTRIA sales person for more information regarding the performance of CENTRIA's rainscreens.

### GENERAL DESIGN OPTIONS

CONCEPT SERIES <sup>®</sup> EXTENDED LEG PROFILES			
PANEL THICKNESS	3/8" [22mm]		
PANEL COVERAGE	12" [305mm]		
SIDE LAP	Interlocking		
	Galvanized <sup>1</sup> (G90)	Stainless Steel <sup>1</sup> (304)	Aluminum <sup>1</sup> (3003-H14)
END LAPS	(See standard detail) Flash or extrusion for all gauges <sup>6</sup>	(See standard detail) Flash for all gauges <sup>6</sup>	(See standard detail) Flash or extrusion for all thicknesses <sup>6</sup>
Gauges (STANDARD)	20 [0.91mm], 22 [0.76mm]	20 [0.91mm], 22 [0.76mm]	0.040" [1.02mm], 0.050" [1.27mm] <sup>4</sup>
Gauges (OPTIONAL)	18 [1.19mm] for all profiles 24 [0.060mm] for CS-260E only	24 [0.60mm] CS-260E only	0.032" [0.81mm] CS-260E only
STANDARD LENGTH	5 ft. [1.52m] - 30 ft. [9.144m]	5 ft. [1.524m] - 30 ft. [9.144m]	5 ft. [1.524m] - 20 ft. [6.096m]
STANDARD TEXTURE	Smooth	Smooth	Smooth
OPTIONAL TEXTURE	Embossed <sup>2</sup> (20 [0.91mm] thru 24 [0.60mm] gauge only) <sup>3</sup>	Contact CENTRIA <sup>2,5,5</sup>	Embossed <sup>2</sup> (0.032" [.81mm] and 0.040" [1.02mm] thicknesses only) <sup>4</sup>
FINISHES	See CENTRIA Color Chart	#4 Brushed	See CENTRIA Color Chart

1. Alternate base material, panel lengths and gauges may also be available. Contact CENTRIA.

2. Embossing is non-directional.

3. Not available in 18 gauge.

4. The 0.050" aluminum can be embossed but only on a "best effort" basis, in which varying depth of the pattern is likely and would not be a cause for rejection. Aluminum thicker than 0.050" cannot be embossed.

5. Stainless embossing, a Request for Deviation from standard must be entered to obtain project-specific approval.

6. End laps are not available for vertical panels. Stack flashing or MicroLine Extrusions only.



\* Patent No.: US D538,948; D527,834

## CONCEPT SERIES EXTENDED LEG DESIGN FEATURES & BENEFITS

- Featuring concealed fasteners and a common-lock joint that allows the panels to be integrated with each other
- Concept Series Extended Leg panels do not require panel clips.
- Concept Series Extended Leg panels are designed for vertical erection, but can also be used in some horizontally erected applications.
- Wall panels may be installed in a variety of rainscreen applications to form a complete wall system
- Excellent for new construction and retrofit projects
- Cost-effective, all-weather installation capability shortens installation time; permits fast-track scheduling
- Panels are available with embossed or unembossed finishes

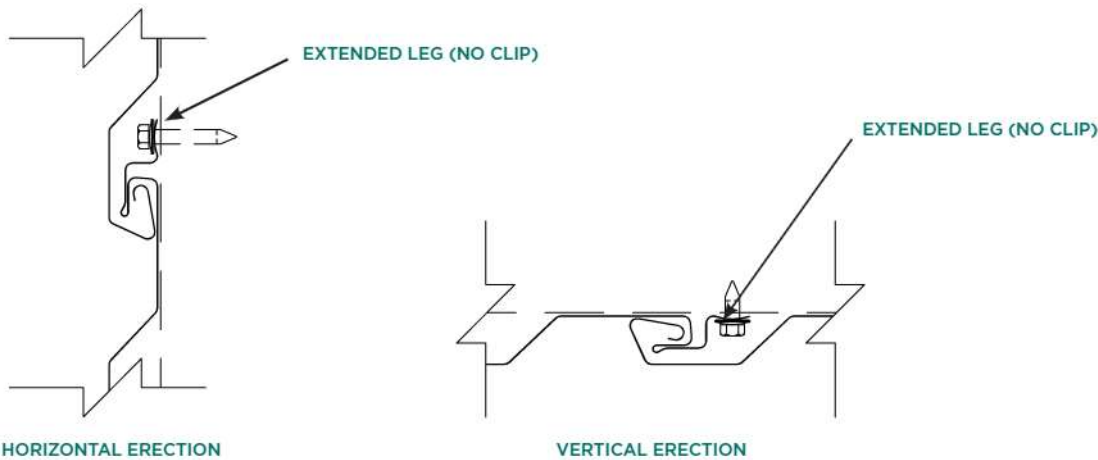


## CONCEPT SERIES EXTENDED LEG TESTING

TEST	CHARACTERISTIC	TEST METHOD	TEST TITLE	RESULTS
 ENVIRONMENTAL	AIR LEAKAGE	Concept Series products are intended to be used only as rainscreens; an appropriate air & moisture barrier must be installed behind the product to comply with code requirements.		
	WATER PENETRATION			
 STRUCTURAL	IMPACT RESISTANCE	-	-	Approved for non HVHZ; see FL3481.
	WIND LOADS	ASTM E72	Determines structural performance under uniform static air pressure difference	See load-span tables for allowable spans/loads under positive or negative loading.

## INSTALLATION

Concept Series Extended Leg Panels do not require the use of panel clips and can be installed directly to supports. Contact your local CENTRIA Sales Representative 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 tolerance is + or - 1/4" [6mm].
- D. For protective coatings - see CENTRIA Color Chart or visit [www.CENTRIA.com](http://www.CENTRIA.com).
- E. Oil canning within mill tolerances will not be cause for rejection.