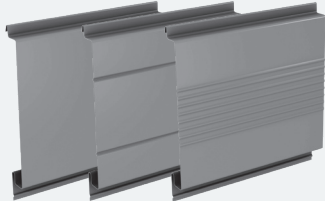# IW SERIES WALL SYSTEM
Concealed Fastener Panel
IW-10A, IW-11A, IW-12A, IW-13A, IW-14A, IW-15A
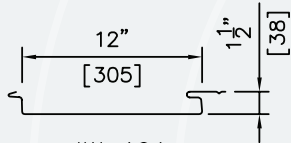## TECHNICAL DATA SHEET
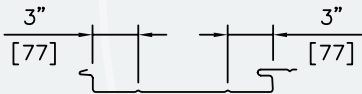
IW-10A   IW-11A   IW-12A
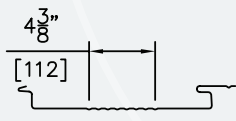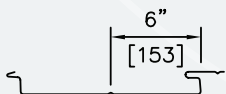
IW-13A   IW-14A   IW-15A

DESCRIPTION

IW-10A Series offers six interesting configurations: IW-10A, IW-11A, IW-12A, IW-13A, IW-14A and IW-15A. All IW panels share a common lock-joint design which makes them interchangeable on a project. The lock also permits the placement of concealed fasteners, and minimizes moisture intrusion. All IW 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 MetalWrap™ Series, an insulated composite backup panel system with Advanced Thermal and Moisture Protection (ATMP®).

IW—10A

IW—11A

IW—12A

IW—13A

IW—14A

IW—15A

GENERAL DESIGN OPTIONS

IW-10A SERIES		
PANEL THICKNESS	1½" [38mm]	
PANEL COVERAGE	12" [305mm]	
SIDE LAP	Interlocking	
	Galvanized[1] **(G90)**	**Aluminum[1]** **(3003-H14)**
END LAPS	(see standard detail) Shop notched and swaged for vertical applications only 2" [51mm] for 22 [0.76mm] and 20 [0.91mm] gages only[4,5,6,8] Rivets may be required for proper alignment. Flash or extrusion for all gages[6]	(see standard detail) Shop notched and swaged for vertical applications only 2" [51mm] for 0.040" [1.02mm] only[4,5,6,8] Flash or extrusion for all other thicknesses[6]
GAGES (STANDARD)	20 [0.91mm], 22 [0.76mm]	0.040" [1.02mm]
GAGES (OPTIONAL)	18 [1.19mm][3,5,7]	0.050" [1.27mm][5]
STANDARD LENGTH	5 [1.524m] - 25 ft. [7.62m]	5 [1.524m] - 20 ft. [6.096m]
STANDARD TEXTURE	Embossed[2,10] (20 [0.91mm] - 22 [0.76mm] gage only)	Embossed[2,9]
OPTIONAL TEXTURE	Smooth	Smooth
FINISHES	See CENTRIA Color Chart	See CENTRIA Color Chart

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

2. Embossing is non-directional.

3. IW-12A and IW-13A are not available in 18 gage.

4. Shop swaged ends are not available for IW-12A, IW-14A, IW-15A.

5. Shop swaged ends are not available for 18 gage steel, 0.050" aluminum.

6. MicroLine Extrusions can be used with horizontally installed panels only.

7. 18 gage cannot be embossed.

8. Swaged for vertical application only

9. 0.050" Embossed (optional gauge) is best effort ONLY

10. Not available in 18 ga.

11. All IW panels are erected from top to bottom when erected in a horizontal application
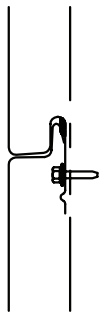
IW-10A-15A DESIGN FEATURES & BENEFITS

- Concealed fastener design minimizes exposed fasteners

- Common lock-joint design makes all IW series panels interchangeable on a project & minimizes moisture intrusion

- Can be installed vertically or horizontally

- Excellent for new construction and retrofit projects

- Cost-effective, all-weather installation capability shortens installation time; permits fast-track scheduling

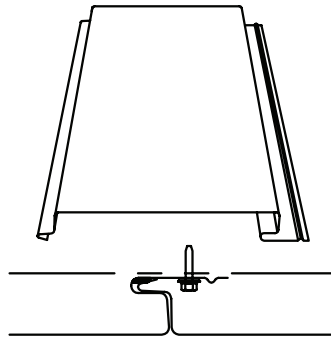- Panels are available with embossed or smooth finishes

IW-10A-15A TESTING

TEST		CHARACTERISTIC	TEST METHOD	TEST TITLE	RESULTS
ENVIRONMENTAL		AIR LEAKAGE	IW 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 only; see FL3174.		
		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.

HORIZONTAL
JOINT DETAIL

VERTICAL
JOINT DETAIL

NOTES

A. For information on special applications, contact your local CENTRIA Sales Representative.
B. All IW panels may be used on walls & soffits but not on roofs.
C. Panel length tolerance is ± 1/4" [6mm].
D. For protective coatings - see CENTRIA color chart.
E. Oil canning within mill tolerances will not be cause for rejection.
F. Panels must be ordered as "horizontal" when used in a horizontal application.
G. Horizontal Panels must be erected from top to bottom.