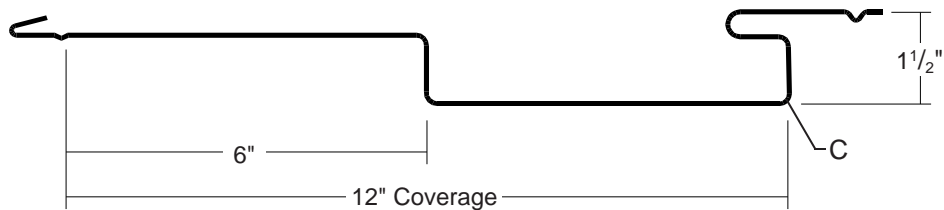
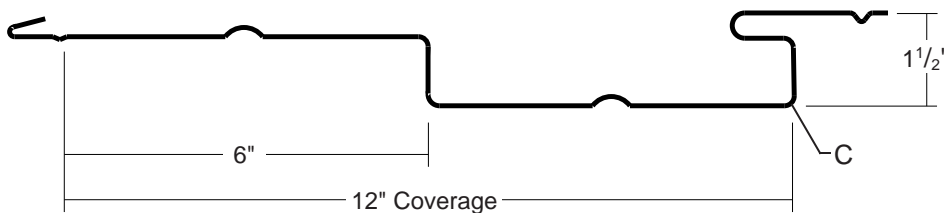


FLUSH FACE SERIES-6

TLC-9 PANEL



TLC-10 PANEL



ARCHITECTURAL
COMMERCIAL
INDUSTRIAL
PANEL

CONCEALED
FASTENERS

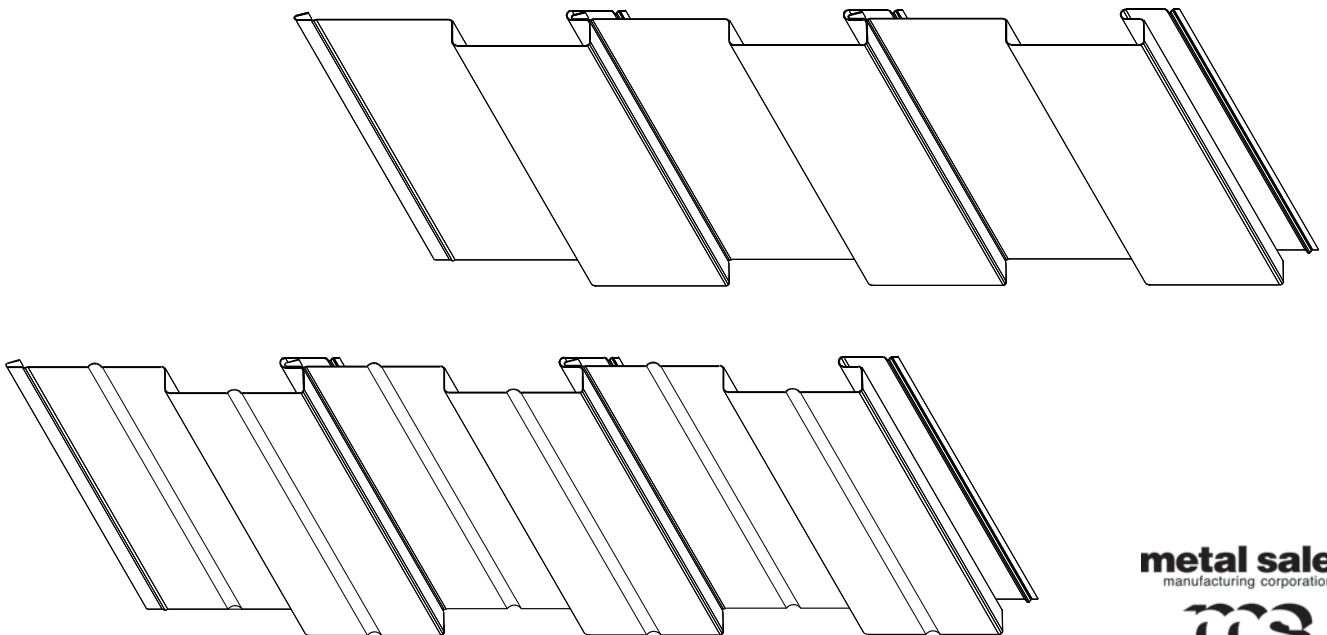
12"
COVERAGE

SOFFIT-FASCIA
WALL OR LINER
PANEL

OPEN FRAMING OR
SOLID SUBSTRATE

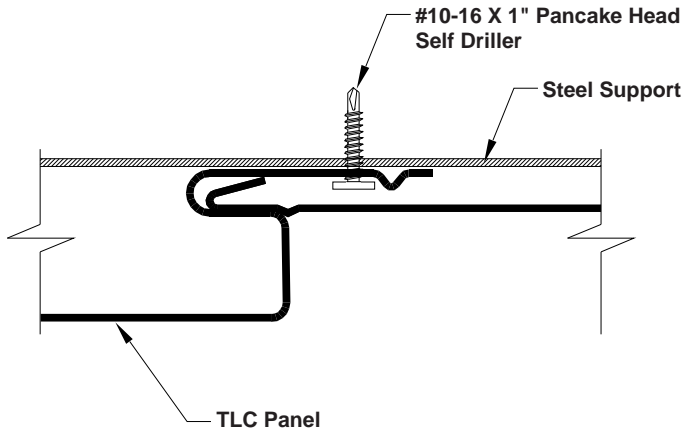
PANEL OVERVIEW

- ▶ Finishes: Kynar 500 (PVDF) standard, optional; multi-pass Kynar, Marblique, Plastisol, and Polyester
- ▶ Gauges: 24ga, 22ga, and 20ga
- ▶ 12" panel coverage, 1 1/2" height
- ▶ Roll Formed Panels
- ▶ Optional material availability: Stainless Steel, Copper, and Aluminum-inquire
- ▶ Use on single skin or field-assembled wall system applications
- ▶ Concealed fastened system
- ▶ Panels can be installed Horizontal or Vertical and are interchangeable for accent effects



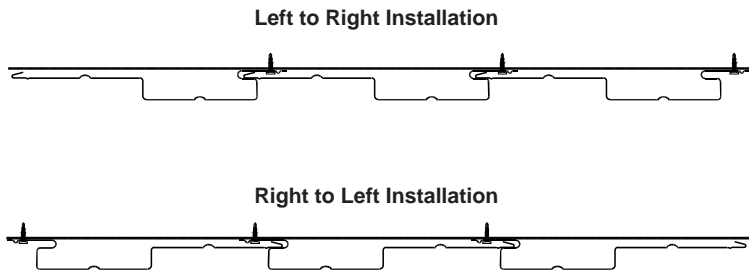
FLUSH FACE SERIES-6

FASTENING PATTERN



*Pre-drilling into thicker steel may be required.

DIRECTIONAL DETAILS



GENERAL INFORMATION

► Substructure

Flush Face Series-6 Panels are designed to be utilized over open structural framing or a solid substrate.

► Coverage

TLC-9 and TLC-10 Panels are available in a 1½" depth with a 12" width coverage.

► Length

Minimum factory cut length is 5'-0".

Maximum recommended panel length is 40'-0".

Available in 1" increments.

► Fasteners

The fastener selection guide should be consulted for choosing the proper fastener for specific applications. Quantity and type of fastener must meet necessary loading and code requirements.

NOTE: All panels are subject to surface distortion due to improperly applied fasteners. Overdriven fasteners will cause stress and induce oil canning across the face of the panel at or near the point of attachment.

► Availability

Finishes: Kynar 500 (PVDF) standard; optional: multi-pass Kynar 500, Marblique, Plastisol, and Polyester

Gauges: 24ga, 22ga, and 20ga

SECTION PROPERTIES

Ga.	Width (in.)	Yield KSI	Weight PSF	Top in Compression		Bottom in Compression		Inward Load						Outward Load					
				Ixx	Sxx	Ixx	Sxx												
				ln ⁴ /ft	ln ³ /ft	ln ⁴ /ft	ln ³ /ft	2'	3'	4'	5'	6'	8'	2'	3'	4'	5'	6'	8'
24	12"	50	1.50	0.0609	0.0588	0.1054	0.1120	411	204	115	73	51	29	288	140	82	53	37	21
22	12"	50	1.92	0.0893	0.0874	0.1483	0.1617	554	303	171	109	76	43	409	203	120	78	55	31
20	12"	33	2.31	0.1280	0.1291	0.1970	0.2258	458	263	166	107	74	42	366	188	113	75	53	30

ALLOWABLE UNIFORM LOADS PSF (3 or More Equal Spans)

- Theoretical section properties have been calculated per AISI 2001 "Specification for the Design of Cold-formed Steel Structural Members." Ixx and Sxx are effective section properties for deflection and bending.
- Allowable load is calculated in accordance with AISI 2001 specifications considering bending, shear, combined bending and shear, deflection. Allowable load considers the worst case of 3 and 4 equal span conditions. Allowable load does not address web crippling, fasteners/support connection, or panel disengagement. Panel weight is not considered.
- Deflection consideration is limited by a maximum deflection ratio of L/180 of span.
- Allowable loads do not include a 1/3 stress increase.

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