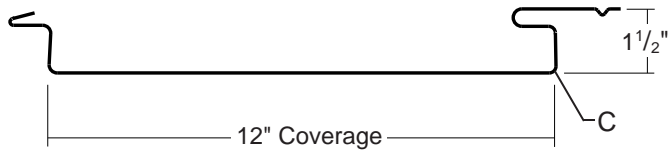
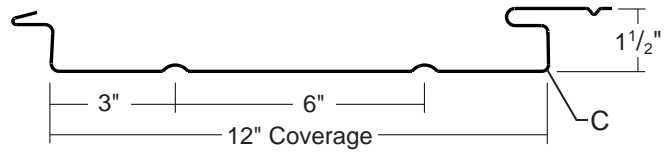


FLUSH FACE SERIES-12

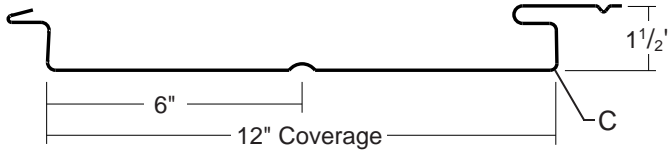
TLC-1 PANEL



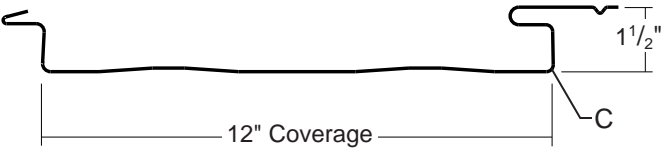
TLC-2 PANEL



TLC-3 PANEL



TLC-4 PANEL



ARCHITECTURAL
COMMERCIAL
INDUSTRIAL
PANEL

CONCEALED
FASTENERS

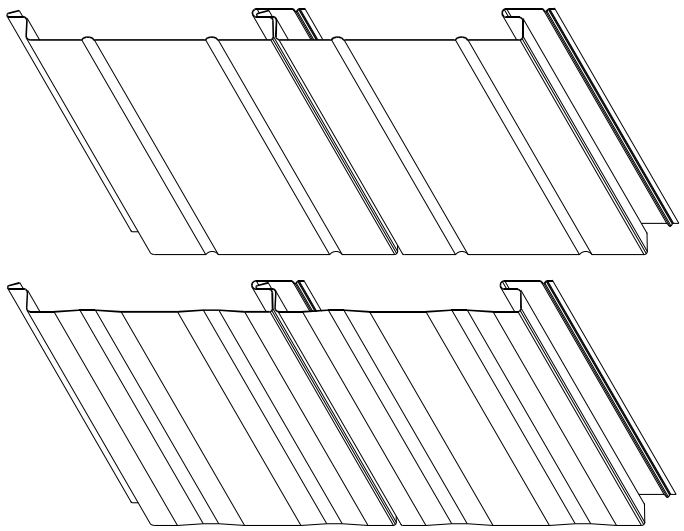
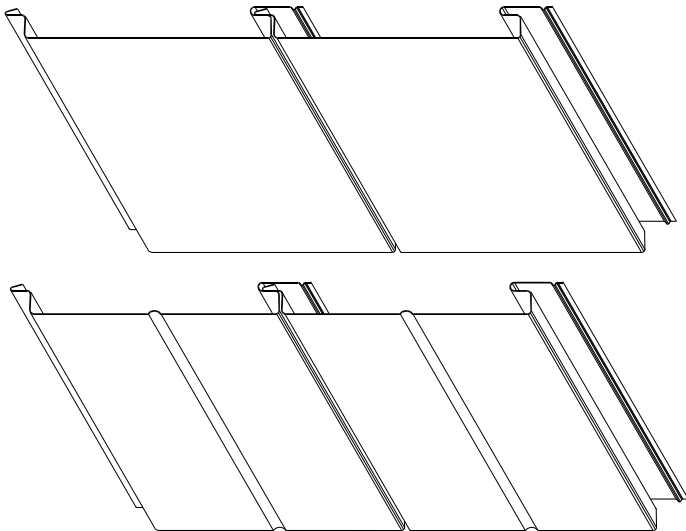
12"
COVERAGE

SOFFIT-FASCIA
WALL OR LINER
PANEL

OPEN FRAMING OR
SOLID SUBSTRATE

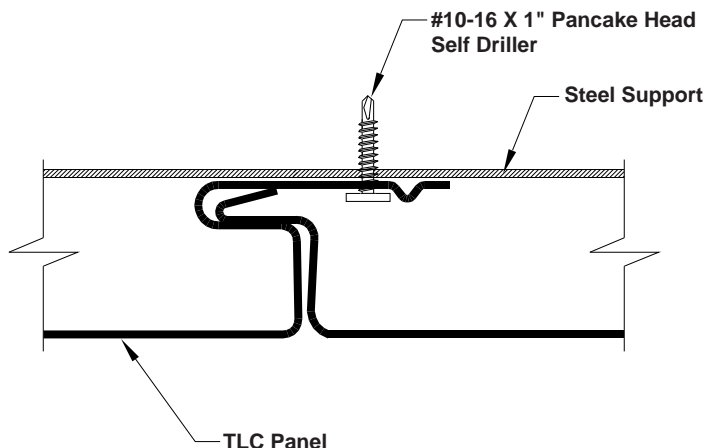
PANEL OVERVIEW

- ▶ 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



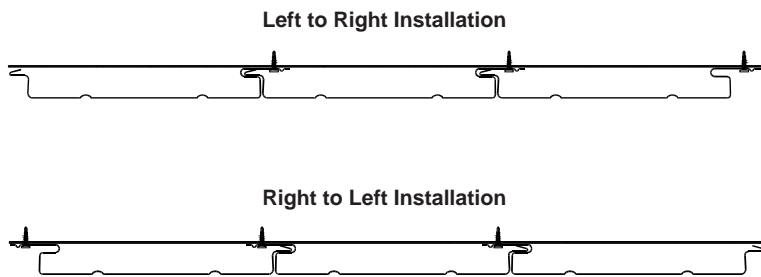
FLUSH FACE SERIES-12

FASTENING PATTERN



*Pre-drilling into thicker steel may be required.

DIRECTIONAL DETAILS



GENERAL INFORMATION

► Substructure

Flush Face Series-12 Panels are designed to be utilized over open structural framing or a solid substrate.

► Coverage

TLC-1, TLC-2, TLC-3, and TLC-4 Panels are available in a 1 1/2" 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

ALLOWABLE UNIFORM LOADS PSF (3 or More Equal Spans)

Ga.	Width (in.)	Yield KSI	Weight PSF	Top in Compression		Bottom in Compression		Inward Load						Outward Load					
				Ixx In ⁴ /ft	Sxx In ³ /ft	Ixx In ⁴ /ft	Sxx In ³ /ft	2'	3'	4'	5'	6'	8'	2'	3'	4'	5'	6'	8'
24	12"	50	1.48	0.0594	0.0608	0.1306	0.1154	413	211	119	76	53	30	294	144	84	55	38	22
22	12"	50	1.93	0.0870	0.0869	0.1830	0.1626	551	302	170	109	75	42	407	202	119	78	55	31
20	12"	33	2.32	0.1220	0.1254	0.2410	0.2184	450	258	162	103	72	40	359	184	110	73	51	29

- 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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