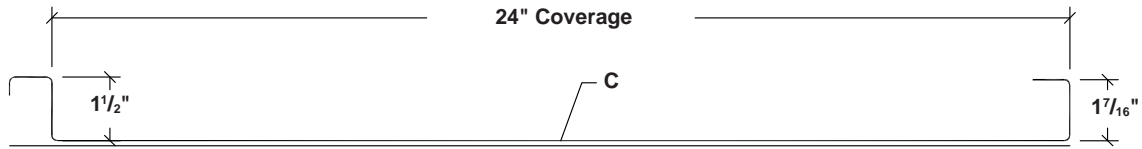


TL-19A PANEL

SIDING PANEL



ARCHITECTURAL
COMMERCIAL
INDUSTRIAL
PANEL

EXPOSED
FASTENERS

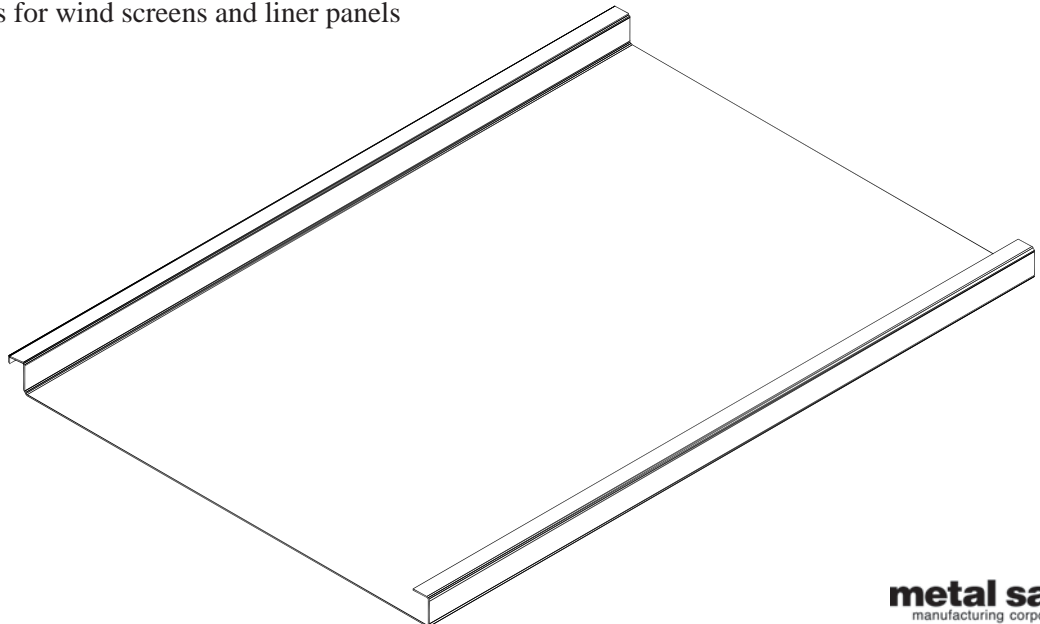
24"
COVERAGE

CUSTOM
CAPABILITIES

OPEN FRAMING OR
SOLID SUBSTRATE

PANEL OVERVIEW

- ▶ Finishes: Kynar 500 (PVDF) standard, optional; multi-pass Kynar, Marblique, Plastisol, Polyester, and MS Colorfast45® (SMP)
- ▶ Gauges: 24g, 22ga, 20ga, and 18ga
- ▶ 24" panel coverage, 1 1/2" height
- ▶ Optional material availability: Stainless Steel, Weathering Steel, Copper, and Aluminum
- ▶ Use on single skin or field-assembled wall system applications
- ▶ Exposed fastened system
- ▶ Custom capabilities include:
 - Perforated panels for wind screens and liner panels
 - Tapering

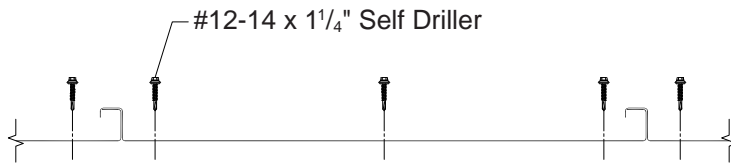


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TL-19A PANEL

FASTENING PATTERN



GENERAL INFORMATION

► Substructure

TL-19A panels are designed to be utilized over open structural framing, or a solid substrate.

► Coverage

TL-19A panels are available in a 1 1/2" depth with a 24" width coverage.

► Length

Minimum factory cut length is 5'-0".

Maximum recommended panel length is 36'-0".

► 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, Marblique, Plastisol, Polyester, and MS Colorfast45® (SMP)

Gauges: 24ga, 22ga, 20ga, and 18ga

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	24"	50	1.22	0.0480	0.0356	0.0230	0.0275	168	92	52	34	24	13	249	117	67	43	30	14
22	24"	50	1.53	0.0695	0.0525	0.0335	0.0420	275	140	80	51	36	20	363	171	99	64	45	21
20	24"	33	1.80	0.0860	0.0654	0.0460	0.0644	275	138	80	52	36	20	294	140	81	52	37	21
18	24"	33	2.35	0.1155	0.0880	0.0690	0.1106	455	228	134	87	61	35	393	188	109	70	49	28

- 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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