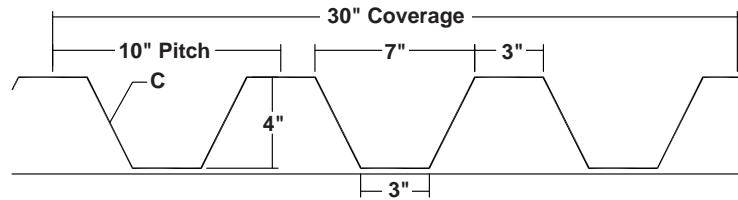
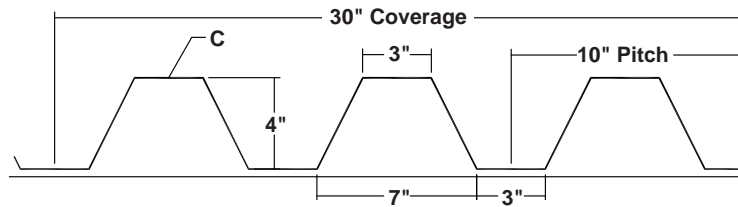


T15 PANEL

ROOF PANEL



WALL PANEL



ARCHITECTURAL
COMMERCIAL
INDUSTRIAL
PANEL

DIRECT FASTENED
(EXPOSED)

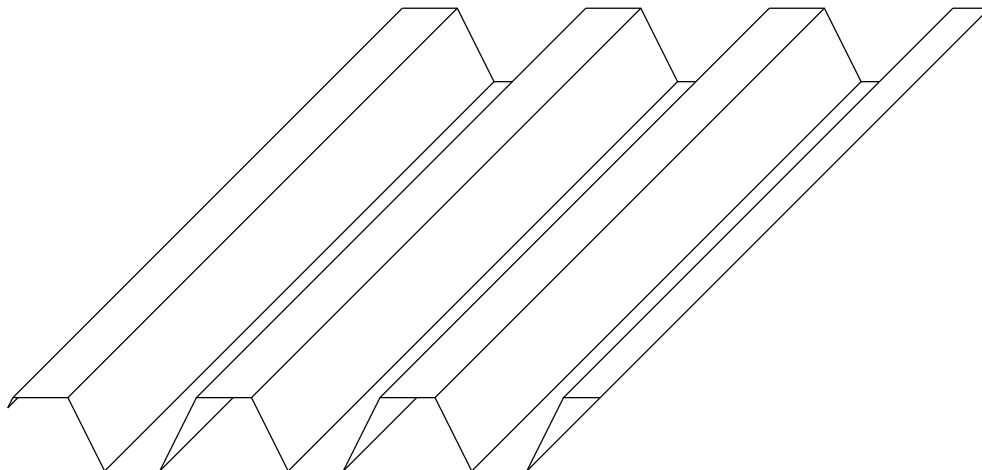
30"
COVERAGE

MINIMUM
1:12

OPEN FRAMING OR
SOLID SUBSTRATE

PANEL OVERVIEW

- ▶ Finishes: Kynar 500 (PVDF) standard, optional; multi-pass Kynar, Marblique, Plastisol, Polyester, and MS Colorfast45® (SMP)
- ▶ Gauges: 24ga, 22ga, 20ga, and 18ga
- ▶ 30" panel coverage, 4" rib height
- ▶ Trapezoidal ribs on 10" centers
- ▶ Optional material availability: Stainless Steel, Weathering Steel, Copper, and Aluminum
- ▶ Designed for greater span requirements
- ▶ Custom capabilities include:
 - Crimp curving
 - Curving may be convex, concave, or "S" curves
 - Perforated panels for wind screens and liner panels

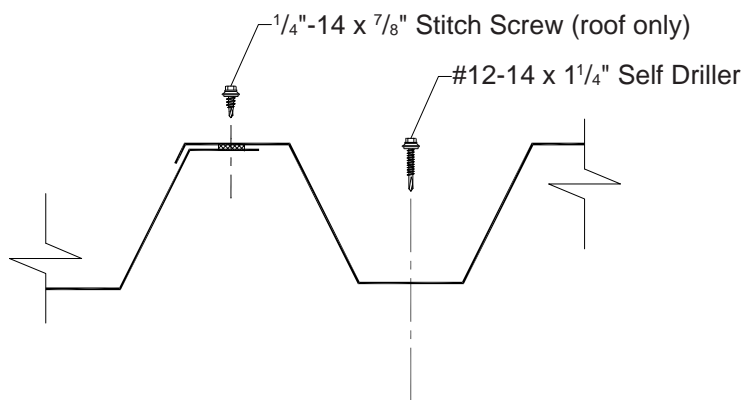


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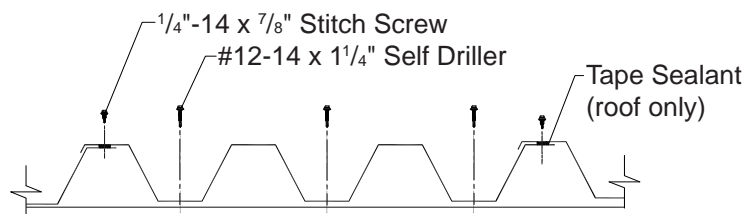
T15 PANEL

ATTACHMENT DETAIL

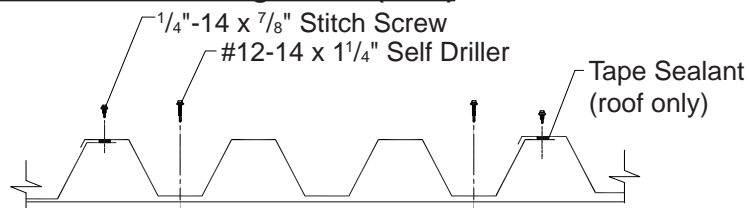


FASTENING PATTERNS

Roof Panel Fastening Pattern (Ends)



Roof Panel Fastening Pattern (Field)



GENERAL INFORMATION

► Substructure

T15 panel is designed to be utilized over open structural framing, or a solid substrate.

► Coverage

T15 panels are available in a 4" depth with a 30" width coverage.

► Length

Minimum factory cut length is 5'-0"
Maximum recommended panel length is 33'-6".

► 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 LIVE LOADS PSF (3 or More Equal Spans)

Ga.	Width (in.)	Yield KSI	Weight PSF	Top in Compression		Bottom in Compression		Inward (Gravity / Deflection) Load						Outward Uplift (Stress) Load					
				Ixx In ⁴ /ft	Sxx In ³ /ft	Ixx In ⁴ /ft	Sxx In ³ /ft	5'	6'	7'	8'	10'	12'	5'	6'	7'	8'	10'	12'
24	30"	50	1.43	0.6180	0.2421	0.5992	0.2163	58	48	40	34	26	21	59	48	41	35	27	21
22	30"	50	1.89	0.9660	0.4149	0.9416	0.3678	131	106	88	74	55	42	133	108	91	77	57	44
20	30"	33	2.24	1.3400	0.6337	1.3760	0.6042	200	157	127	104	73	54	203	160	129	106	75	56
18	30"	33	2.96	1.8600	0.9012	1.9280	0.8692	257	204	166	138	99	74	259	206	168	140	101	76

- 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, and applicable testing when available. Allowable load considers the worst case of 3 and 4 equal span conditions. Allowable load does not address web crippling or fasteners/support connection and 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 in uplift.

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