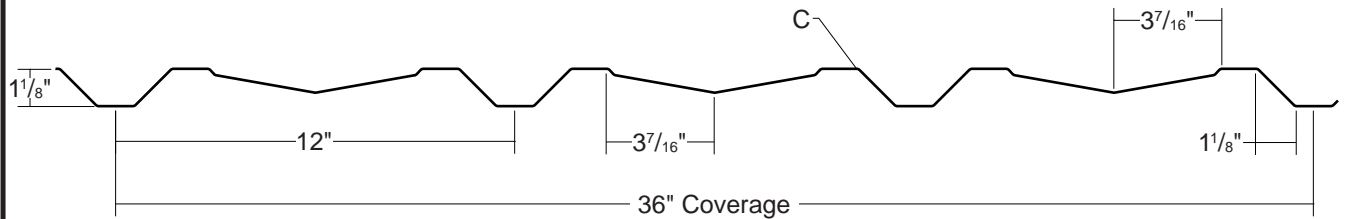


SPAN-LINE 36A

**CONDENSED
TECHNICAL
REFERENCE**



**COMMERCIAL
INDUSTRIAL
PANEL**

**DIRECT
FASTEN**

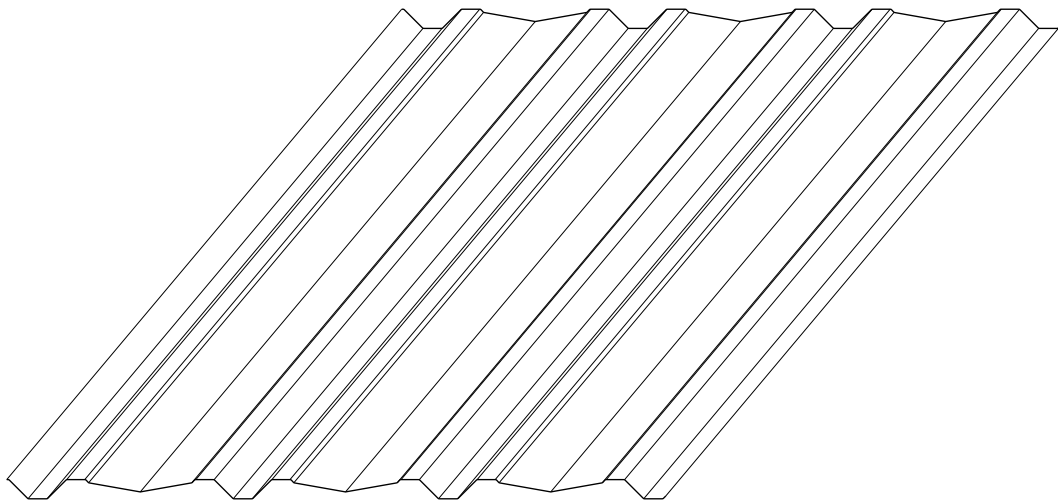
**36"
COVERAGE**

WALL PANEL

**OPEN FRAMING OR
SOLID SUBSTRATE**

PANEL OVERVIEW

- ▶ Finishes: Kynar 500 (PVDF), MS Colorfast45®, and Acrylic Coated Galvalume®
- ▶ Gauges: 26ga and 24ga standard, 22ga optional
- ▶ 36" panel coverage, $1\frac{1}{8}"$ rib height
- ▶ Applies over open framing or solid substrate
- ▶ Exposed fastened metal building panel
- ▶ Reversed trapezoidal ribs on 12" centers
- ▶ Wall panel only



TESTING

- ▶ Florida Building Code Approved 9482.5
- ▶ UL 790, Class A Fire Resistance Rating
- ▶ Miami-Dade County Approved 07-0119.03
- ▶ UL 790, Class A Fire Resistance Rating

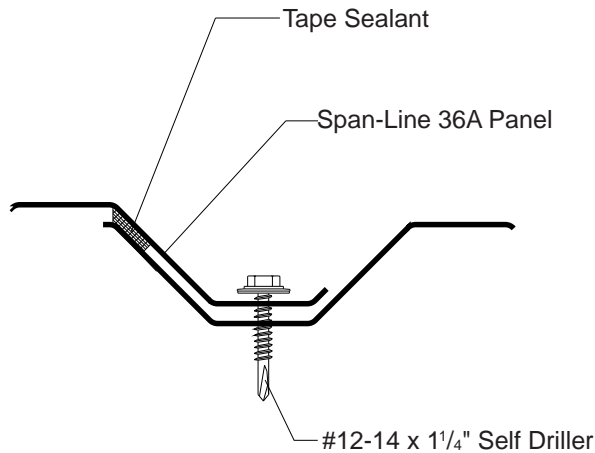
metal sales
manufacturing corporation



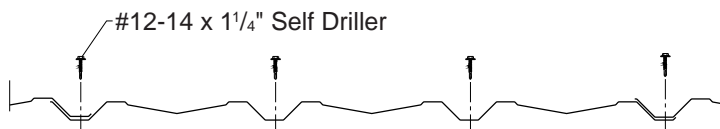
SPAN-LINE 36A

CONDENSED TECHNICAL REFERENCE

ATTACHMENT DETAIL



FASTENING PATTERN



GENERAL INFORMATION

► Substructure

Span-Line 36A is designed to be utilized over open structural framing but can easily be used with a solid substrate. To avoid panel distortion use a properly aligned and uniform substructure.

► Coverage

Span-Line 36A panels are available in a $1\frac{1}{8}$ " rib height with a coverage width of 36".

► Length

Minimum factory cut length is 5'-0". Maximum recommended panel length is 45'-0". Longer panels require additional consideration in packaging, shipping, and erection. Please consult Metal Sales for recommendations.

► 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: Acrylic Coated Galvalume®, MS Colorfast45®, or various Kynar 500 (PVDF) colors.

Gauges: 26ga and 24ga standard, 22ga optional

SECTION PROPERTIES

Ga.	Width (in.)	Yield KSI	Weight PSF	Top in Compression		Bottom in Compression		Inward (Stress / Deflection) Load							Outward Uplift (Stress) Load						
				Ixx In ⁴ /ft	Sxx In ³ /ft	Ixx In ⁴ /ft	Sxx In ³ /ft														
								2'	3'	4'	5'	6'	7'		2'	3'	4'	5'	6'	7'	
26	36"	80	0.88	0.0237	0.0290	0.0257	0.0341	206	99	57	37	26	19	242	114	66	42	30	22		
24	36"	50	1.14	0.0353	0.0440	0.0363	0.0464	256	117	67	43	29	18	325	148	84	54	38	28		
22	36"	50	1.47	0.0467	0.0586	0.0467	0.0607	306	147	85	55	38	24	397	189	109	71	50	37		

- 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.

metal sales
manufacturing corporation



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