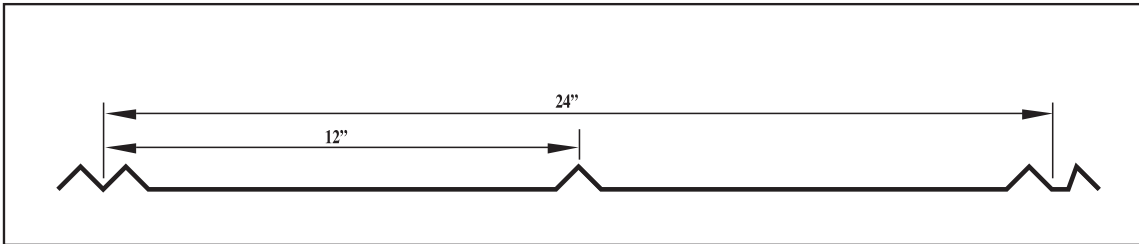


# 5V Crimp PRODUCT INFORMATION



Homeowners across the country are discovering that metal roofing not only adds lasting value to their homes, but provides beauty as well. McElroy Metal's 5V panel incorporates a classic design that is a popular choice for residential roofing. 5V has a UL 2218 Class 4 Impact Resistance rating. 5V should be installed over solid decking.

## PANEL OPTIONS

Panel Width: 26 1/16"  
 Panel Coverage: 24"  
 Standard Panel Length: Up to 40'  
 Please inquire for longer lengths.  
 Rib Height: 3/8"  
 Major Rib Spacing: 12"  
 Minimum Slope: 3:12  
 Substrate: Galvalume®  
 Coating System: Kynar 500®  
 Galvalume Plus

Gauge: 26  
 Oil canning is a natural occurrence in metal panels and is not a cause for panel rejection.

- Florida State Approval: 1832.1
- UL 580 Class 90 - Uplift Test
- Class A - Fire Rating
- Texas Department of Insurance - RC-13
- UL263 - Fire Resistance
- Miami Dade Approval • NOA# 07-1219.13



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## CONTINUOUS LOAD TABLES: 80 KSI

2 SPAN	SPAN (FT)	26 GAUGE		
		LL (PSF)	WL (PSF)	D (L/180)
	1.0	116	145	421
	1.5	52	65	124
	2.0	29	37	52
	2.5	18	23	26
	3.0	13	16	15

3 SPAN	SPAN (FT)	26 GAUGE		
		LL (PSF)	WL (PSF)	D (L/180)
	1.0	144	179	329
	1.5	65	81	97
	2.0	36	46	41
	2.5	23	29	21
	3.0	16	20	12

4 SPAN	SPAN (FT)	26 GAUGE		
		LL (PSF)	WL (PSF)	D (L/180)
	1.0	135	168	350
	1.5	60	76	103
	2.0	34	43	43
	2.5	22	27	22
	3.0	15	19	12

1. Allowable uniform loads are based upon equal span lengths.
2. WL is wind suction or uplift and is increased by 33 1/3%.
3. LL is the allowable live or snow load.
4. D (L/180) is the allowable load that limits the panels deflection to L/180.
5. The weight of the panel has not been deducted from the allowable loads.
6. Web crippling has not been checked for the allowable loads shown above.

Panel Gauge	Weight PSF	FY KSI	SECTION PROPERTIES					
			TOP IN COMPRESSION			BOTTOM IN COMPRESSION		
			Ix IN.4	Se IN.3	Ma KIP IN.	Ix IN.4	Se IN.3	Ma KIP IN.
26	0.85	80	.0020	.0063	.2240	.0020	.0087	.1780

1. Section properties are calculated in accordance with the 2004 AISI North American Specification for the Design of Cold-Formed Steel Structural Members.
2. Ix is for deflection determination.
3. Se is for bending.
4. Ma is the allowable bending moment.
5. All values are for one foot of panel width.

