

Metal Wall & Roof Systems
North America

Protected by Morin By Kingspan WARRANTY

Morin SLR Series Metal Roof System Span Charts

Innovative Single Element Building Envelope Solution

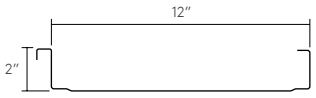
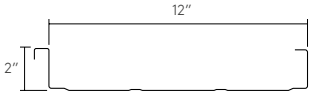
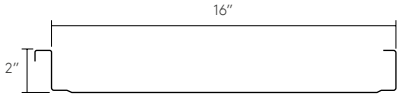
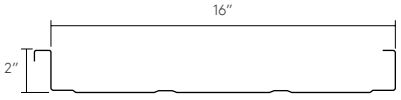
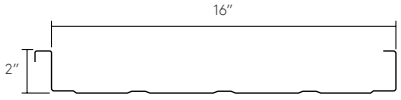
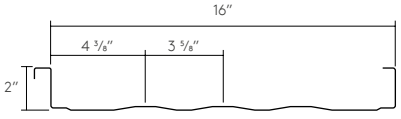
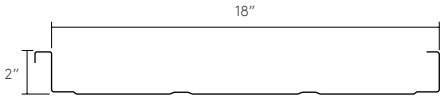
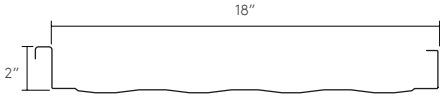
PLANET PASSIONATE

Morin® By Kingspan

Product Data

Morin SLR Roof Series Range

With versatile design selections and superior strength capabilities, the SLR Series provides architectural solutions for any project. Morin SLR Series panels are standing seam roofing panels that can transition to wall.

Profile Options	
SLR-12-0 	SLR-12-2 
SLR-16-0 	SLR-16-2 
SLR-16-3 	SLR-16-S 
SLR-18-2 	SLR-18-3 
SLR-18-S 	



Applications

Suitable for curved applications, metal walls or a low slope roof. This flexible panel can offer solutions to many project needs.

Available Lengths

Standard Lengths (ft)	5′ – 40′ (1.52 – 12.19m)

Shorter and longer lengths available on request.

Load / Span Data

Galvalume

Panel Type	Panel Width (in.)	Panel Thickness (ga.)	Deflection Limit	Clip Type	Allowable Uplift Pressures (psf), Panel Span (ft.)										
					1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
SLR	12	24*	L/180	SLR Clip	81.2	–	76.3	73.8	71.3	68.8	66.3	63.9	61.4	58.9	56.4
		22			131.2	–	117.9	111.3	104.6	98.0	91.3	84.7	78.0	71.4	64.7
		20*			181.2	–	159.5	148.7	137.9	127.1	116.3	106.0	94.6	83.8	73.0
	16	24*			107.4	–	88.5	79.1	69.6	60.2	50.7	41.3	31.8	22.4	–
		22*			120.2	–	102.7	94.0	85.2	76.5	67.7	59.0	50.2	41.5	32.7
		20			133.1	–	117.0	108.9	100.9	92.8	84.7	76.7	68.6	60.5	52.5
	18	24*			92.3	–	83.9	75.5	67.1	58.7	50.2	41.8	33.4	25.0	16.6
		22*			127.4	–	115.4	103.4	91.4	79.4	67.1	55.4	43.4	31.4	19.4
		20			162.1	–	146.9	131.3	115.7	100.2	84.6	69.0	53.4	37.8	22.2

Notes:

1 Values shown are uniformly distributed negative loads for multiple span conditions (≥3 spans).
2 Values do not include consideration of sub-framing or fasteners, to be determined by qualified personnel.
3 All pressures values reflect safety factor of 2.0 (Ultimate load/2.0).
4 Ultimate loads determined from ASTM E1592 testing which is limited to the assembly of metal panel, SLR clip and fasteners system, does not include – flashing, sealants, sub-framing, metal studs, and insulation.
5 Requires use of SLR Clip.
6 * Indicates tested material (all other values are interpolated).
7 Galvalume material confirming to ASTM A792.
8 For project specific calculations, please contact Morin Technical Services at 800-640-9501.

Aluminium

Panel Type	Panel Width (in.)	Panel Thickness (in.)	Deflection Limit	Clip Type	Allowable Uplift Pressures (psf), Panel Span (ft.)										
					1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
SLR	12	0.032	L/180	SLR Clip	–	–	91.3	85.3	79.3	73.4	67.4	61.4	55.4	49.4	43.4
		0.040			–	–	128.7	116.4	104.1	91.9	79.6	67.3	55.1	42.7	30.4
	16	0.032*			–	–	70.5	64.4	58.2	52.1	45.9	39.8	33.6	27.5	21.3
		0.040*			–	–	95.8	86.4	77.0	67.6	58.2	48.8	39.4	30.0	20.6
	18	0.032*			–	–	60.1	53.9	47.6	41.4	35.2	28.9	22.7	16.4	10.2
		0.040*			–	–	62.9	57.7	52.5	47.3	42.0	36.8	31.6	26.4	21.2

Notes:

1 Values shown are uniformly distributed negative loads for multiple span conditions (≥3 spans).
2 Values do not include consideration of sub-framing or fasteners, to be determined by qualified personnel.
3 All pressures values reflect safety factor of 2.0 (Ultimate load/2.0).
4 Ultimate loads determined from ASTM E1592 testing which is limited to the assembly of metal panel, SLR clip and fasteners system, does not include – flashing, sealants, sub-framing, metal studs, and insulation.
5 Requires use of SLR Clip.
6 * Indicates tested material (all other values are interpolated).
7 Aluminum material confirming to 3003-H14; reach out to Morin technical for anodized (5005-H34) or any other Aluminum material
8 For project specific calculations, please contact Morin Technical Services at 800-640-9501.

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July 22, 2025