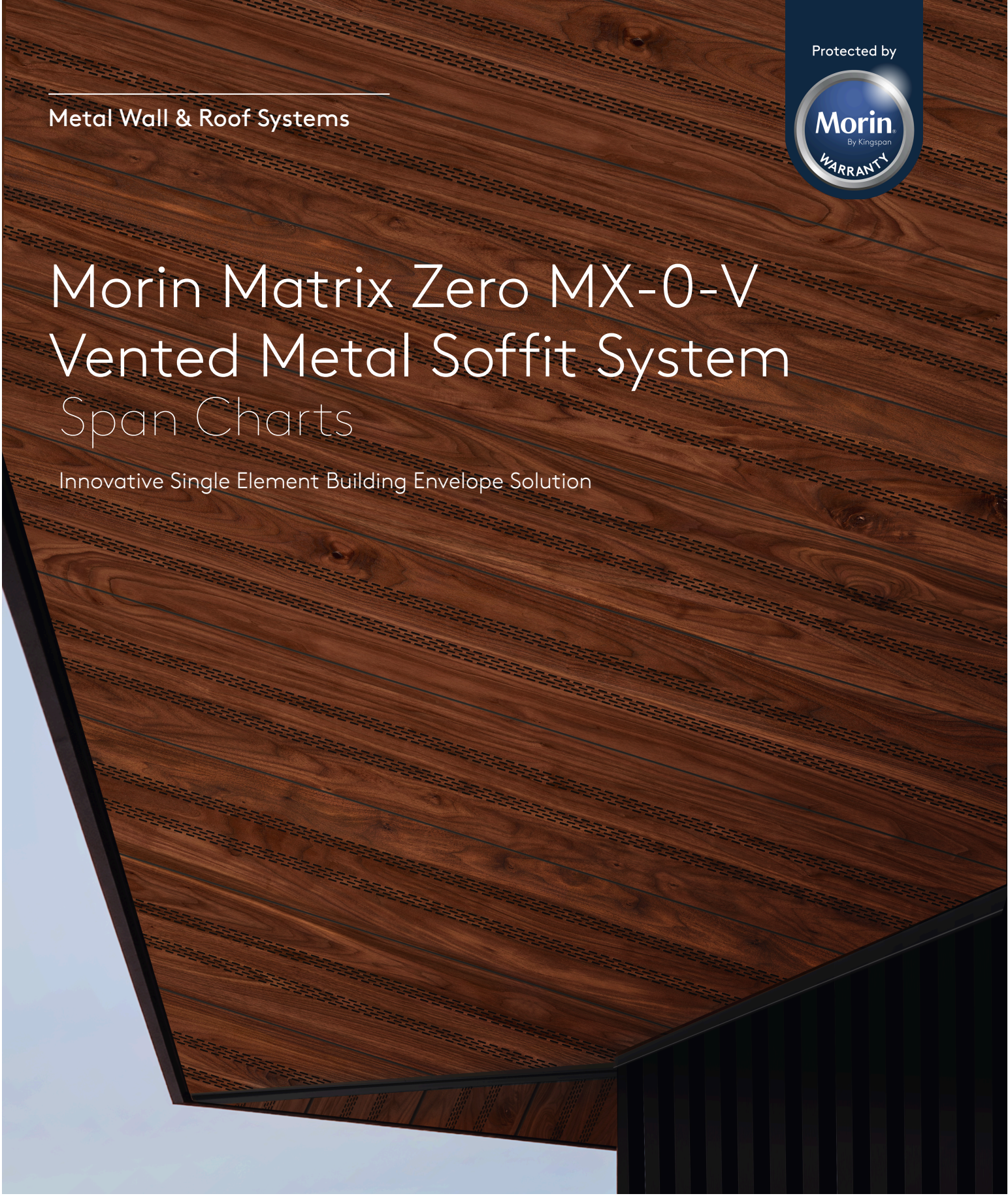
Metal Wall & Roof Systems

Protected by Morin By Kingspan WARRANTY

Morin Matrix Zero MX-0-V Vented Metal Soffit System

Span Charts

Innovative Single Element Building Envelope Solution



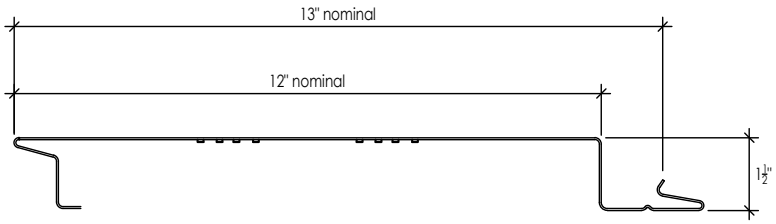
PLANET PASSIONATE

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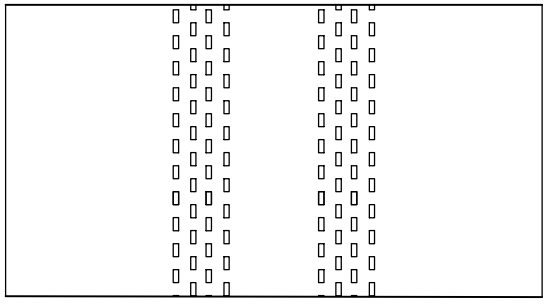
Product Data

Morin Matrix Zero MX-0-V

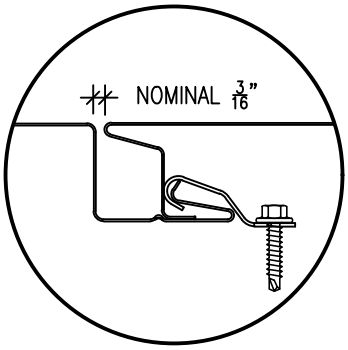
Matrix MX-0-V



Matrix MX-0-V



Matrix MX-0-V Clip Engagement



Applications

These panels feature a concealed fastener and can be installed as a vented soffit

Available Lengths

Standard Lengths (ft)	5′ – 20′ (1.52 – 6.1m)

Load / Span Data

Galvalume

Panel Type	Panel Width (in.)	Panel Thickness (in.)	Deflection Limit	Clip Type	Allowable Uplift Pressures (psf), Panel Span (ft.)								
					2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
MX-0-V	12	20ga*	L/180	MIP Clip	92.8	86.7	80.7	74.6	68.5	62.5	56.4	50.3	44.3

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, MIP clip and fasteners system, does not include – flashing, sealants, sub-framing, metal studs, & insulation.
5 Requires use of MIP Clip (steel material, unless noted otherwise) with minimum 2 fasteners.
6 * Indicates tested material (all other values are interpolated).
7 Galvalume material confirming to ASTM A792.
8 Please refer to Morin website for span charts pertaining to perforated panels.
9 For project specific calculations, please contact Morin Technical Services at 800-640-9501

Aluminum

Panel Type	Panel Width (in.)	Panel Thickness (in.)	Deflection Limit	Clip Type	Allowable Uplift Pressures (psf), Panel Span (ft.)								
					2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
MX-0-V	12	0.032*	L/180	MIP Clip	40.1	37.2	34.3	31.4	28.5	25.7	22.8	19.9	17.0
		0.040*			51.2	47.7	44.3	40.8	37.3	33.8	30.4	26.9	23.4

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, MIP clip and fasteners system, does not include – flashing, sealants, sub-framing, metal studs, & insulation.
5 Requires use of MIP Clip (steel material, unless noted otherwise) with minimum 2 fasteners.
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 Please refer to Morin website for span charts pertaining to perforated panels.
9 For project specific calculations, please contact Morin Technical Services at 800-640-9501.

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July 9, 2026