

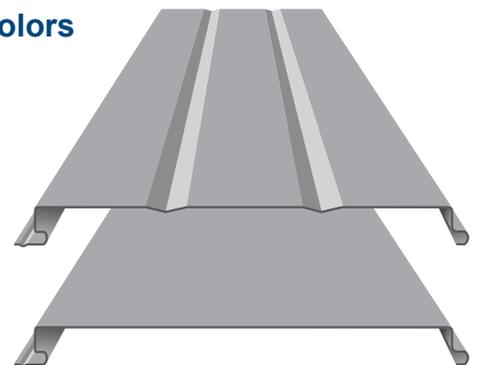
Soffit Panel

Metal Sales Manufacturing Corporation



Metal Soffit, Wall and Liner Panel

- ▶ Choose from PVDF, MS Colorfast45[®] or Acrylic Coated Galvalume[®]
- ▶ Available in a wide variety of ENERGY STAR[®] compliant colors
- ▶ Applies over solid substrate or open framing
- ▶ Lanced Soffit Panel for venting available
- ▶ Tongue and groove side lap installation
- ▶ 24 ga and 26 ga standard, 22 ga optional

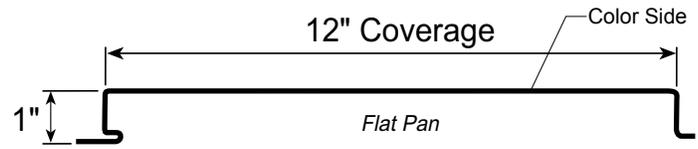
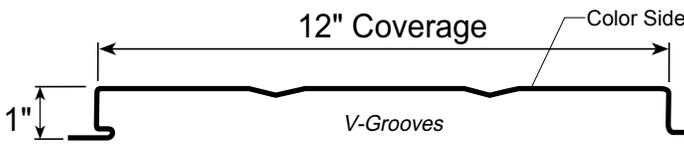


800.406.7387
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ms metal sales[™]
manufacturing corporation

SOFFIT PANEL

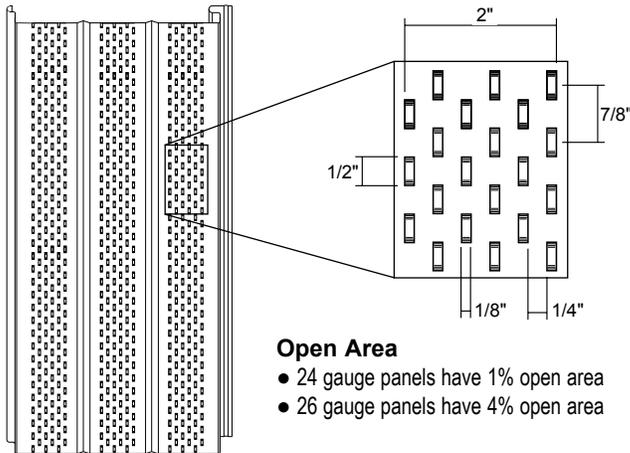
PROFILE



PANEL INFORMATION

- ▶ Concealed, direct-fastened panel
- ▶ Soffit, wall, fascia or liner applications
- ▶ V-Groove, Solid, and Lanced profiles available
- ▶ Gauges: 24 ga, 26 ga and 22 ga
- ▶ 45 year paint warranty

LANCED SOFFIT PANEL PATTERN



GENERAL INFORMATION

- ▶ Substructure: Soffit Panel is designed to be utilized over open structural framing or a solid substrate. To avoid panel distortion, use a properly aligned and uniform substructure.
- ▶ Length: Minimum factory cut length is 2'-0".
 - 24 Ga. maximum recommended panel length is 20'-0"
 - 26 Ga. maximum recommended panel length is 20'-0"
 - 22 Ga. maximum recommended panel length is 20'-0"
- ▶ Finishes: Acrylic Coated Galvalume®, MS Colorfast45® or PVDF colors.

For all specific warranty, application, installation, and technical information regarding these products, contact your Metal Sales representative.

TESTING AND APPROVALS

- ▷ UL 263, Fire Resistance Rating - per assembly
- ▷ ASTM E 283 Air Infiltration
- ▷ ASTM E 330 Uniform Static Air Pressure Difference
- ▷ ASTM E 331 Water Penetration
- ▷ 2020 FBC Approved:
 - 24 ga. over 16 ga. girts 9482.5

LOAD TABLE

SECTION PROPERTIES								ALLOWABLE UNIFORM LOADS, psf For various fastener spacings											
Ga	Width in	Yield ksi	Weight psf	Top In Compression		Bottom In Compression		Inward Load					Outward Load						
				Ixx in ⁴ /ft	Sxx in ³ /ft	Ixx in ⁴ /ft	Sxx in ³ /ft	2'	2.5'	3'	3.5'	4'	5'	2'	2.5'	3'	3.5'	4'	5'
26	12	50	0.94	0.0130	0.0226	0.0290	0.0339	144	100	74	55	42	27	-	-	-	-	-	-
24	12	50	1.23	0.0189	0.0338	0.0410	0.0480	178	129	97	75	60	40	55	55	55	55	55	-
22	12	50	1.62	0.0278	0.0520	0.0560	0.0651	234	170	129	100	80	54	55	55	55	55	55	-

1. Theoretical section properties have been calculated per AISI 2016 'North American Specification for the Design of Cold-Formed Steel Structural Members'. Ixx and Sxx are effective section properties for deflection and bending.
2. Allowable load is calculated in accordance with AISI 2016 specifications considering bending, shear, combined bending and shear and deflection. Allowable load considers the 3 or more equal spans condition. Allowable load does not address web crippling, fasteners, support material or load testing. Panel weight is not considered.
3. Deflection consideration is limited by a maximum deflection ratio of L/180 of span.
4. Allowable loads do not include a 1/3 stress increase for wind.

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