

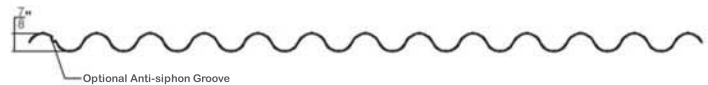
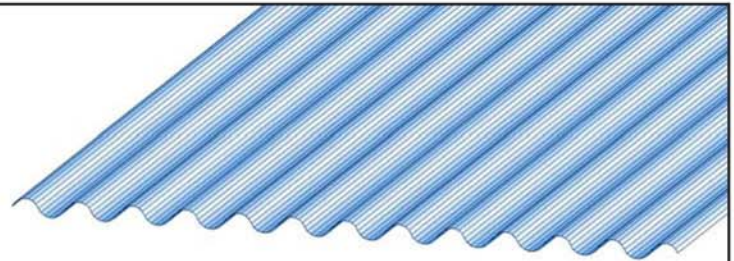
Central Texas Metal Roofing Supply Co., Inc.

Description

This extremely versatile and economical, exposed fastener panel can be used for almost any exterior or interior use, including architectural, industrial, commercial, residential, and agricultural wall, roof, liner or soffit. Panels can be run either horizontally or vertically. Perforations in some substrates are available for acoustical applications.

Features

- Coverage: 32-5/8" or 37-5/8"
- Rib Height: 7/8"
- Optional Anti-siphon groove
- Lengths: Up to 45' Standard, inquire for longer lengths.
- Attachment: Through fastened, exposed fasteners.
- Slope Requirement: 3:12



Gauges and Coatings

- Gauges: 22, 24, 26, 29
- Coatings: Galvalume, Kynar500, Silicone-modified Polyester, Paint Grip/Bonderized

Austin

830 Sagebrush Drive Austin, Texas 78758
(512) 452-1515 (800) 428-7412
Fax (512) 833-7499

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Seguin

720 West IH 10 Seguin, Texas 78155
(830) 379-3600 (877) 622-8677
Fax (830) 379-8753

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Uniform Load Tables in Pounds per Square Foot

22 GAUGE (Fy = 50KSI)							
SPAN TYPE	LOAD TYPE	SPAN IN FEET					
		3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"
SINGLE	WIND LOAD	472.1	265.6	170.0	118.0	86.7	66.4
	DEFLECTION	376.3	158.8	81.3	47.0	29.6	19.8
2 SPAN	WIND LOAD	523.5	294.4	188.4	130.9	96.1	73.6
	DEFLECTION	354.1	199.2	127.5	88.5	65.0	47.8
3 SPAN	WIND LOAD	654.3	368.1	235.6	163.6	120.2	92.0
	DEFLECTION	442.6	249.0	153.4	88.8	55.9	37.5
4 SPAN	WIND LOAD	610.9	343.7	219.9	152.7	112.2	85.9
	DEFLECTION	413.3	232.5	148.8	94.2	59.3	39.8

24 GAUGE (Fy = 50KSI)							
SPAN TYPE	LOAD TYPE	SPAN IN FEET					
		3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"
SINGLE	WIND LOAD	349.6	196.7	125.9	87.4	64.2	49.2
	DEFLECTION	284.6	120.0	61.5	35.6	22.4	15.0
2 SPAN	WIND LOAD	384.2	216.1	138.3	96.0	70.6	54.0
	DEFLECTION	262.2	147.5	94.4	65.6	48.2	36.1
3 SPAN	WIND LOAD	480.2	270.1	172.9	120.1	88.2	67.5
	DEFLECTION	327.8	184.4	115.9	67.1	42.2	28.3
4 SPAN	WIND LOAD	448.4	252.2	161.4	112.1	82.4	63.1
	DEFLECTION	306.0	172.2	110.2	71.2	44.8	30.0

26 GAUGE (Fy = 80KSI)							
SPAN TYPE	LOAD TYPE	SPAN IN FEET					
		3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"
SINGLE	WIND LOAD	340.7	191.7	122.7	85.2	62.6	47.9
	DEFLECTION	234.8	99.1	50.7	29.3	18.5	12.4
2 SPAN	WIND LOAD	371.4	208.9	133.7	92.8	68.2	52.2
	DEFLECTION	255.6	143.8	92.0	63.9	44.5	29.8
3 SPAN	WIND LOAD	464.2	261.1	167.1	116.0	85.3	65.3
	DEFLECTION	319.4	179.7	95.6	55.3	34.8	23.3
4 SPAN	WIND LOAD	433.4	243.8	156.0	108.4	79.6	61.0
	DEFLECTION	298.3	167.8	101.5	58.7	37.0	24.8

29 GAUGE (Fy = 80KSI)							
SPAN TYPE	LOAD TYPE	SPAN IN FEET					
		3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"
SINGLE	WIND LOAD	183.7	103.3	66.1	45.9	33.7	25.8
	DEFLECTION	148.1	62.5	32.0	18.5	11.7	7.8
2 SPAN	WIND LOAD	217.3	122.2	78.2	54.3	39.9	30.6
	DEFLECTION	137.8	77.5	49.6	34.4	25.3	18.8
3 SPAN	WIND LOAD	271.6	152.8	97.8	67.9	49.9	38.2
	DEFLECTION	172.2	96.9	60.4	34.9	22.0	14.7
4 SPAN	WIND LOAD	253.6	142.6	91.3	63.4	46.6	35.7
	DEFLECTION	160.8	90.5	57.9	37.1	23.4	15.6

NOTES:

1. Allowable loads are based on uniform span lengths an Fy of 80 KSI for 26 and 29 gauge and Fy of 50 KSI for 24 and 22 gauge.
2. Live Load is allowable live load.
3. Wind load is allowable wind load and has been increased by 33.333%.
4. Deflection loads are limited by a maximum deflection ratio of L/240 of span or maximum bending stress from live load.
5. Weight of the panel has not been deducted from allowable loads.
6. Load table values do not include web crippling requirements or connection of panel to substrate.
7. Minimum bearing length of 1.5" required.

COLOR, SPANGLE, OR UNEVEN WEATHERING OF UNFINISHED PRODUCTS:

1. Galvanized, Galvalume, Acrylume, and Paint Grip are unfinished products. The color or spangle may vary and is not a reason for rejection. To keep a uniform color, use of a painted product is recommended.
2. Paint Grip is intended to be painted.
3. Color differentials of Galvalume, Galvanized and Paint Grip, and uneven weathering is not warranted.
4. Considerations prior to ordering are the variations in Spangle Size, Reflectivity or Surface Roughness.
5. Non- uniform fading and color changes can and may occur, these variations are a natural occurrence produced during the steel manufacturing process, these conditions are not a reason for rejection. To guarantee a uniform color, a painted product is recommended.

OIL CANNING:

1. Oil canning is inherent to roll formed products and shall not be cause for rejection of materials.
2. To help reduce oil canning use 24 gauge. Also use Striation, Stiffener Ribs or Embossing.
3. Flat surfaces will display slight waviness, commonly referred to as (Oil Canning). This phenomenon is caused by steel mill production tolerances and will not be accepted as cause for field rejection