

Central Texas Metal Roofing Supply Co., Inc.

Description

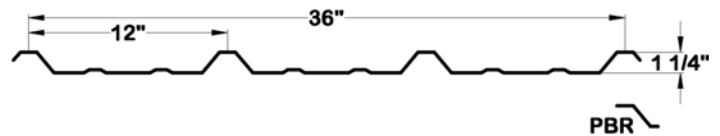
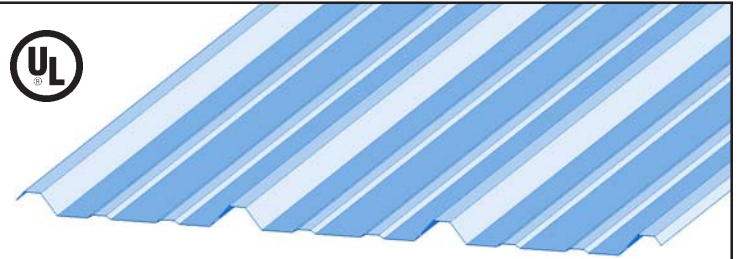
This versatile exposed fastener general utility panel is excellent for almost any exterior use, including industrial, residential, agricultural and light commercial wall applications. The addition of the purlin bearing rib option offers added strength for roof applications.

Features

- Full 36" coverage with 1 1/4" deep ribs on 12" centers.
- Standard trim, flashing and accessories.
- High tensile strength steel.
- Minimum 1:12 pitch recommended.

Performance / Testing

- UL 580 Class 90 Wind Uplift Rated.
- UL 2218 Class 4 Impact Rated.
- UL 790 Class A Fire Rated.
- TDI Coastal Windstorm Approved



Substrates

- 29, 26, 24, 22 Ga Acrylic Coated Galvalume.
- 26 Ga SMP Color Finish.
- 24 Ga Kynar500 Color.

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"	9'-0"
SINGLE	WIND LOAD	231.1	130.0	83.2	57.8	42.5	32.5	25.7
	DEFLECTION	166.1	93.4	49.6	28.7	18.1	12.1	8.5
2 SPAN	WIND LOAD	166.1	93.4	49.6	28.7	18.1	12.1	8.5
	DEFLECTION	163.1	92.5	59.4	41.3	30.4	23.3	18.4
3 SPAN	WIND LOAD	207.7	116.8	74.8	51.9	38.1	29.2	23.1
	DEFLECTION	200.6	115.1	74.1	51.6	34.1	22.8	16.0
4 SPAN	WIND LOAD	193.9	109.1	69.8	48.5	35.6	27.3	21.5
	DEFLECTION	189.5	107.6	69.2	48.2	35.5	24.2	17.0

24 GAUGE (Fy = 50KSI)								
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"
SINGLE	WIND LOAD	162.6	91.5	58.5	40.7	29.9	22.9	18.1
	DEFLECTION	115.5	65.0	35.4	20.5	12.9	8.6	6.1
2 SPAN	WIND LOAD	115.5	65.0	41.6	28.9	21.2	16.2	12.8
	DEFLECTION	109.4	64.2	41.3	28.7	21.1	16.2	12.8
3 SPAN	WIND LOAD	144.4	81.2	52.0	36.1	26.5	20.3	16.0
	DEFLECTION	124.3	79.8	51.4	35.8	26.4	16.3	11.4
4 SPAN	WIND LOAD	134.8	75.8	48.5	33.7	24.8	19.0	15.0
	DEFLECTION	119.6	74.7	48.1	33.5	24.6	17.3	12.2

26 GAUGE (Fy = 60KSI)								
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"
SINGLE	WIND LOAD	136.0	76.5	49.0	34.0	25.0	19.1	15.1
	DEFLECTION	99.1	50.4	25.8	14.9	9.4	6.3	4.4
2 SPAN	WIND LOAD	99.1	55.7	35.7	24.8	18.2	13.9	11.0
	DEFLECTION	87.3	54.6	35.2	24.5	18.1	13.9	10.7
3 SPAN	WIND LOAD	123.8	69.7	44.6	31.0	22.7	17.4	13.8
	DEFLECTION	99.2	67.7	43.8	28.2	17.7	11.9	8.3
4 SPAN	WIND LOAD	115.6	65.0	41.6	28.9	21.2	16.3	12.8
	DEFLECTION	95.5	63.4	40.9	28.6	18.8	12.6	8.9

29 GAUGE (Fy = 60KSI)								
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		3'-0"	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"
SINGLE	WIND LOAD	95.1	53.5	34.2	23.8	17.5	13.4	10.6
	DEFLECTION	60.3	33.1	16.9	9.8	6.2	4.1	2.9
2 SPAN	WIND LOAD	62.4	35.1	22.5	15.6	11.5	8.8	6.9
	DEFLECTION	51.6	33.8	21.9	15.3	11.3	8.7	6.9
3 SPAN	WIND LOAD	78.0	43.9	28.1	19.5	14.3	11.0	8.7
	DEFLECTION	58.6	41.6	27.1	18.5	11.6	7.8	5.5
4 SPAN	WIND LOAD	72.8	41.0	26.2	18.2	13.4	10.2	8.1
	DEFLECTION	56.4	39.0	25.4	17.8	12.4	8.3	5.8

NOTES:

1. Allowable loads are based on uniform span lengths and 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