

Central Texas Metal Roofing Supply Co., Inc.

## Description

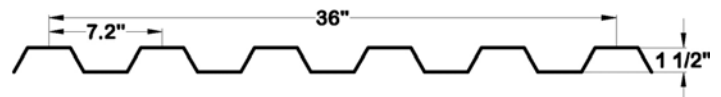
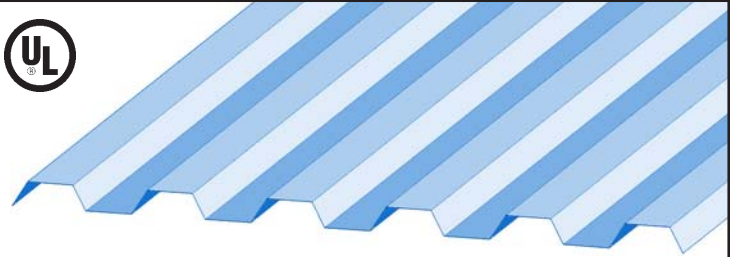
CT 7.2 has a classic design with a bold look that can be used for almost any exterior or interior use, including architectural, industrial, commercial, residential, and agricultural wall, roof, liner or soffit. These panels have excellent strength and spanning capability and can be run either horizontally or vertically.

## Features

- 1 1/2" rib height at 7.2" on center.
- 28.8" or 36" panel coverage.
- Lengths up to 45'.
- Standard trim, flashing, and accessories.
- Installed over open framing or solid substrate.
- 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.



## Substrates

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

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## Central Texas Metal Roofing Supply Co., Inc.

### 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	282.4	158.8	101.7	70.6	51.9	39.7
	DEFLECTION	104.9	44.3	22.7	13.1	8.3	5.5
2 SPAN	WIND LOAD	282.4	158.8	101.7	70.6	51.9	39.7
	DEFLECTION	211.8	106.6	54.6	31.6	19.9	13.3
3 SPAN	WIND LOAD	353.0	198.5	127.1	88.2	64.8	49.6
	DEFLECTION	197.9	83.5	42.8	24.7	15.6	10.4
4 SPAN	WIND LOAD	329.6	185.4	118.6	82.4	60.5	46.3
	DEFLECTION	210.1	88.6	45.4	26.3	16.5	11.1

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	225.2	126.7	81.1	56.3	41.4	31.7
	DEFLECTION	83.0	35.0	17.9	10.4	6.5	4.4
2 SPAN	WIND LOAD	225.2	126.7	81.1	56.3	41.4	31.7
	DEFLECTION	168.9	84.4	43.2	25.0	15.7	39.6
3 SPAN	WIND LOAD	281.4	158.3	101.3	70.4	51.7	39.6
	DEFLECTION	156.7	66.1	33.8	19.6	12.3	8.3
4 SPAN	WIND LOAD	262.8	147.8	94.6	65.7	48.3	37.0
	DEFLECTION	166.3	70.2	35.9	20.8	13.1	8.8

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	224.0	126.0	80.7	56.0	41.2	31.5
	DEFLECTION	68.7	29.0	14.8	8.6	5.4	3.6
2 SPAN	WIND LOAD	224.0	126.0	80.7	56.0	41.2	31.5
	DEFLECTION	165.5	69.8	35.8	20.7	13.0	8.7
3 SPAN	WIND LOAD	280.0	157.5	100.8	70.0	51.4	39.4
	DEFLECTION	129.7	54.7	28.0	16.2	10.2	6.8
4 SPAN	WIND LOAD	261.5	147.1	94.1	65.4	48.0	36.8
	DEFLECTION	137.6	58.1	29.7	17.2	10.8	7.3

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	177.6	99.9	63.9	44.4	32.6	25.0
	DEFLECTION	54.1	22.8	11.7	6.8	4.3	2.9
2 SPAN	WIND LOAD	177.6	99.9	63.9	44.4	32.6	25.0
	DEFLECTION	130.4	55.0	28.2	16.3	10.3	6.9
3 SPAN	WIND LOAD	222.0	124.9	79.9	55.5	40.8	31.2
	DEFLECTION	102.2	43.1	22.1	12.8	8.0	5.4
4 SPAN	WIND LOAD	207.3	116.6	74.6	51.8	38.1	29.2
	DEFLECTION	108.5	45.8	23.4	13.6	8.5	5.7

**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