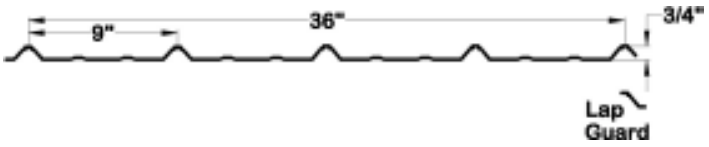
Frontier Rib

Central Texas Metal Roofing Supply Co., Inc.

Description

Frontier Rib is a low profile exposed fastener panel that is very rugged, yet elegant in appearance. The right choice for residential, agricultural, and light commercial roof and wall applications. This profile can also be used as an interior liner panel. The anti-siphon drain channel prevents water from wicking at the side joints. The optional Purlin bearing male rib offers additional strength in roof applications.



Features

- Full 36" coverage with 3/4" deep ribs on 9" centers.
- Standard trim, flashing, and accessories.
- Minimum 3/12 pitch recommended.
- Anti-siphoning side lap.

Performance / Testing

- UL 580 Class 90 Wind Uplift Rated.
- UL 2218 Class 4 Impact Rated.
- UL 790 Class A Fire Rated.

Substrates and Finish

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

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CTMRS

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Uniform Load Tables in Pounds per Square Foot

36" - 26 GAUGE Allowable Load (lbs/ft)								
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
SINGLE	WIND LOAD	111	71	49	36	28	22	18
	DEFLECTION	111	71	44	28	18	13	9
3 SPAN	WIND LOAD	179	115	80	59	45	35	29
	DEFLECTION	179	115	80	55	37	26	19

36" - 29 GAUGE Allowable Load (lbs/ft)								
SPAN TYPE	LOAD TYPE	SPAN IN FEET						
		2'-0"	2'-6"	3'-0"	3'-6"	4'-0"	4'-6"	5'-0"
SINGLE	WIND LOAD	88	56	39	29	22	17	14
	DEFLECTION	88	56	34	22	15	10	7
3 SPAN	WIND LOAD	142	91	63	46	36	28	23
	DEFLECTION	142	91	63	44	29	20	15

NOTES:
1. Steel cnforms to ASTM A446 Grade E, 80,000 psi minimum yield.
2. For wind loading, multiply tabulated and/or calculated values by 1.33.
3. Allowable loads tabulated are based on flexural stress and/or L/120 deflection.
4. Values based on 1986 AISi specifications.

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