



Vertarib Load Table

Thickness	# Spans	Span Length														
		3"	3' 6"	4'	4' 6"	5'	5' 6"	6'	6' 6"	7'	7' 6"	8' 8"	8' 6"	9'	9' 6"	10'
18 Ga	1	288	211	162	128	103	85	72	61	52	46	40	35	32	28	25
	STL. 3	337	247	189	150	121	100	84	71	62	54	47	42	37	33	30
20 Ga	1	213	156	119	94	76	63	53	45	39	34	30	26	23	21	19
	STL. 3	245	180	137	108	88	72	61	52	45	39	34	30	27	24	22
22 Ga	1	213	156	120	94	76	63	53	45	39	34	30	26	23	21	19
	STL. 3	258	189	145	114	92	76	64	55	47	41	36	32	28	25	23
24 Ga	1	156	115	88	69	56	46	39	33	28	25	22	19	17	15	14
	STL. 3	183	134	103	81	65	54	45	39	33	29	25	22	20	18	16
26 Ga	1	100	73	56	44	36	29	25	21	18	16	14	12	-	-	-
	STL. 3	119	87	67	53	43	35	29	25	21	19	16	14	13	-	-

Stress governing, 37 ksi yield for 18 Ga; 50 ksi for 22, 24 and 26 Ga. (PSF)
 1/3 increase for wind load included, outward pressure shown; Vertarib is for wall use only

VERTARIB

VERTARIB combines function and form. The recessed channels house semi-concealed fasteners creating an overall smooth, flat appearance. VERTARIB is available in standard FLEXOSPAN colors and finishes, plain G-90 Galvanized or Galvalume® or Mill Finish Aluminum. VERTARIB is a SIDING panel only, not to be used for roofing.

SPECIFICATION DATA SHEET - ROOFING AND SIDING PANELS SECTION 07400

PART 1 GENERAL - THROUGH FASTENED METAL PANELS

1.1 PERFORMANCE AND DESIGN REQUIREMENTS FOR ROOF AND WALL SYSTEMS

- A. Roof and Wall Panels: Steel panels shall be designed in accordance with the AISI Cold-Formed Steel Design Manual and local building codes as applicable.
- B. Framing members and their connections shall be designed in accordance with AISC, AISI, and LGSI design specifications and local building codes as applicable.

1.2 STORAGE AND HANDLING

- A. Store all material and accessories above ground on well skidded platforms.
- B. Store inside or under breathable waterproof covering. Provide proper ventilation to panels to prevent condensation buildup between each panel. Elevate one end of bundles while being stored.

PART 2 PRODUCTS - THROUGH FASTENED METAL PANELS

Materials furnished under this specification data sheet shall be the items checked in the gauge circled.

07 41 13 Metal Roof Panel:

- Flexbeam - 24, 22, 20, 18 Gauge
- Flexrib - 26, 24, 22, 20, 18 Gauge
- Corrugated 1/2" - 26, 24, 22, 20, 18 Gauge
- Corrugated 3/4" - 26, 24, 22, 20, 18 Gauge
- Corrugated 7/8" - 26, 24, 22, 20, 18 Gauge
- R-Panel - 26 Gauge

Painted G-90 or Galvalume coated:

- Vinyl Plastisol (FLEXSHIELD)
- Kynar 500® / Hylar5000® - Fluorocarbon
- Siliconized Polyester

Color:

- Flexospan Standard Color
- Custom Color - Special ordered with a minimum quantity requirement.

Unpainted Roof Panel:

- Acrylic-Coated G-90 Galvanized Steel
- Acrylic-Coated Galvalume Steel
- Stainless Steel - 24, 22, 20, 18 Gauge
- Type 3003 Aluminum - .032in, .040in

Insulation shall be Fiberglass-type blanket faced with VRR+ vinyl 2-3/4", 3", 4", 6" _____

07 42 13 Metal Wall Panel:

- Flexbeam - 24, 22, 20, 18 Gauge
- Flexrib - 26, 24, 22, 20, 18 Gauge
- Vertarib - 26, 24, 22, 20, 18 Gauge
- Corrugated 1/2" - 26, 24, 22, 20, 18 Gauge
- Corrugated 3/4" - 26, 24, 22, 20, 18 Gauge
- Corrugated 7/8" - 26, 24, 22, 20, 18 Gauge
- R-Panel - 26 Gauge
- A-Panel - 26 Gauge

Painted Steel with G-90 Galvanizing or Galvalume coated:

- Vinyl Plastisol (FLEXSHIELD)
- Kynar 500® / Hylar5000® - Fluorocarbon
- Siliconized Polyester

Color:

- Flexospan Standard Color
- Custom Color - Special ordered with a minimum quantity requirement.

Unpainted Wall Panel:

- Acrylic-Coated G-90 Galvanized Steel
- Acrylic-Coated Galvalume Steel
- Stainless Steel - 24, 22, 20, 18 Gauge
- Type 3003 Aluminum - .032in, .040in

Insulation shall be Fiberglass-type blanket faced with VRR+ vinyl 2-3/4", 3", 4", 6" _____

PART 3 EXECUTION - THROUGH FASTENED METAL PANELS

3.1 INSTALLATION

- A. Install in accordance with Flexospan's Standard Details. (www.flexospan.com)
- B. Formed closed cell polyethylene profile closures, glued rib side for ridge, eave and opening edges.
- C. Tape: Sealer tape required on all through fastened roofs under 4:12 pitch at the end and side laps.
- D. Remove strippable film immediately upon erection of panels or flashings.



www.flexospan.com

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