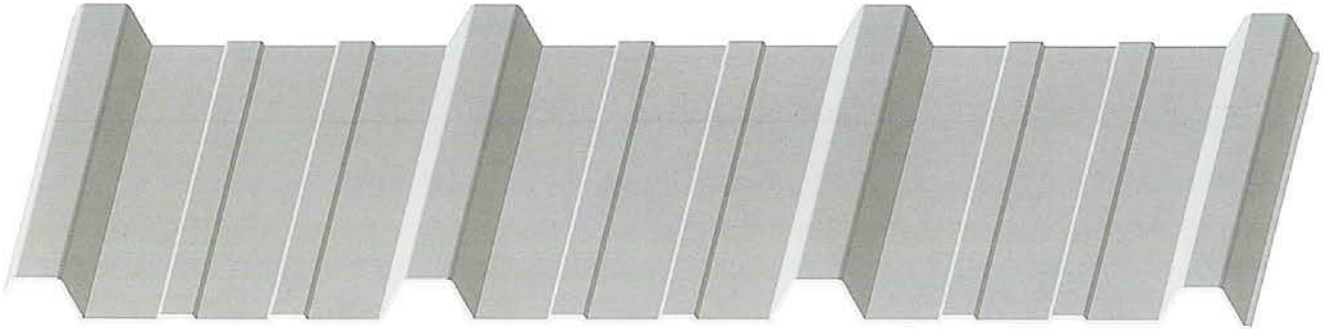


# FLEXOSPAN



		Flexrib Load Table														
		Span Length														
Thickness	# Spans	3'	3' 6"	4'	4' 6"	5'	5' 6"	6'	6' 6"	7'	7' 6"	8'	8' 6"	9'	9' 6"	10'
18 Ga STL.	1	216	158	121	96	77	64	54	46	39	34	30	26	24	21	19
	Defl.	0.10"	0.14"	0.18"	0.23"	0.29"	0.35"	0.41"	0.48"	0.56"	0.64"	0.73"	0.83"	0.93"	1.03	1.14"
	3	253	185	142	112	91	75	63	53	46	40	35	31	28	25	22
20 Ga STL.	1	159	117	89	71	57	47	39	34	29	25	22	19	17	15	14
	Defl.	0.10"	0.14"	0.18"	0.23"	0.29"	0.35"	0.41"	0.48"	0.56"	0.64"	0.73"	0.83"	0.93"	1.03"	1.14"
	3	183	135	103	81	66	54	45	39	33	29	25	22	20	18	16
22 Ga STL.	1	160	117	90	71	57	47	40	34	29	25	22	19	17	16	14
	Defl.	0.14"	0.19"	0.24"	0.31"	0.38"	0.46"	0.55"	0.64"	0.75"	0.86"	0.97"	1.10"	1.23"	1.37"	1.52"
	3	193	142	108	86	69	57	48	41	35	31	27	24	21	19	17
24 Ga STL.	1	117	86	66	52	42	35	29	25	21	18	16	14	13	-	-
	Defl.	0.14"	0.18"	0.24"	0.30"	0.38"	0.46"	0.54"	0.64"	0.74"	0.85"	0.96"	1.09"	1.22"	-	-
	3	137	100	77	61	49	40	34	29	25	22	19	17	15	13	12
26 Ga STL.	1	75	55	42	33	27	22	18	16	13	12	-	-	-	-	-
	Defl.	0.13"	0.18"	0.24"	0.30"	0.37"	0.45"	0.53"	0.62"	0.72"	0.83"	-	-	-	-	-
	3	89	65	50	39	32	26	22	19	16	14	12	-	-	-	-
	Defl.	0.10"	0.14"	0.18"	0.23"	0.28"	0.34"	0.41"	0.48"	0.55	0.63"	0.72"	-	-	-	-

*Stress governing, 37 ksi yield for 18, 20 Ga; 50 ksi for 22, 24 and 26 Ga. (PSF)*

# FLEXRIB

FLEXRIB is a high-strength, deep wide panel with a clean, bold look. It goes up fast and last for years. FLEXRIB is made from first quality materials with finishes so tough and tightly-bonded that the sheets can be rollformed after coating and then accurately cut to your specifications. FLEXRIB's anti-siphon feature prevents capillary action, making it ideal for ROOFING applications, as well as sidewall sheeting.

## 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](http://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](http://www.flexospan.com)

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