



1/2" Corrugated Load Table

Span Length

Thickness	# Spans	2' 6"	3'	3' 6"	4'	4' 6"	5'	5' 6"	6'	6' 6"	7' 7"	7' 6"	8'
18 Ga	1	150	104	76	58	46	37	31	26	22	19	16	14
	STL. 3	187	130	95	73	57	46	38	32	27	23	20	18
20 Ga	1	114	79	58	44	35	28	23	19	17	14	12	-
	STL. 3	143	99	73	56	44	35	29	24	21	18	16	14
22 Ga	1	130	90	66	51	40	32	27	22	19	16	14	12
	STL. 3	163	113	83	63	50	40	33	28	24	20	18	15
24 Ga	1	105	73	53	41	32	26	21	18	15	13	-	-
	STL. 3	131	91	67	51	40	32	27	22	19	16	14	12
26 Ga	1	79	55	40	31	24	19	16	13	-	-	-	-
	STL. 3	99	69	50	38	30	24	20	17	14	12	-	-

Stress governing, 37 ksi yield for 18, 20 Ga; 50 ksi for 22, 24 and 26 Ga G

CORRUGATED

2.67" x 1/2"

The "Old Standby" - 2.67" x 1/2" corrugated meets the necessary requirements of durability, economy, and appearance. This corrugation is available in all base metals and finishes described in the brochure.

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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