



3/4" Corrugated Load Table

Span Length

Thickness	# Spans	4'	4' 6"	5'	5' 6"	6'	6' 6"	7' 7"	7' 6"	8'	8' 6"	9'	9' 6"	10'
18 Ga STL.	1	107	85	69	57	48	41	35	31	27	24	21	-	-
	3	134	106	86	71	60	51	44	38	34	30	27	24	22
20 Ga STL.	1	82	64	52	43	36	31	27	23	20	-	-	-	-
	3	102	81	65	54	45	39	33	29	26	23	20	-	-
22 Ga STL.	1	92	73	59	49	41	35	30	26	23	20	-	-	-
	3	115	91	74	61	51	44	38	33	29	26	23	20	-
24 Ga STL.	1	74	59	48	39	33	28	24	21	-	-	-	-	-
	3	93	73	59	49	41	35	30	26	23	21	-	-	-
26 Ga STL.	1	56	44	36	30	25	21	-	-	-	-	-	-	-
	3	70	55	45	37	31	27	23	20	-	-	-	-	-

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

CORRUGATED

2.67" x 3/4"

Flexospan offers another variation of corrugated panels with the introduction of 2.67" x 3/4" Corrugated. Stronger than 1/2" deep corrugated, allowing wider spans, this panel can be used as roofing or siding. The deeper corrugation enhances appearance by making a more defined visual impact.

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

800.245.0396 • Fax 724.376.3864
253 Railroad Street • Box 515 • Sandy Lake, PA 16145