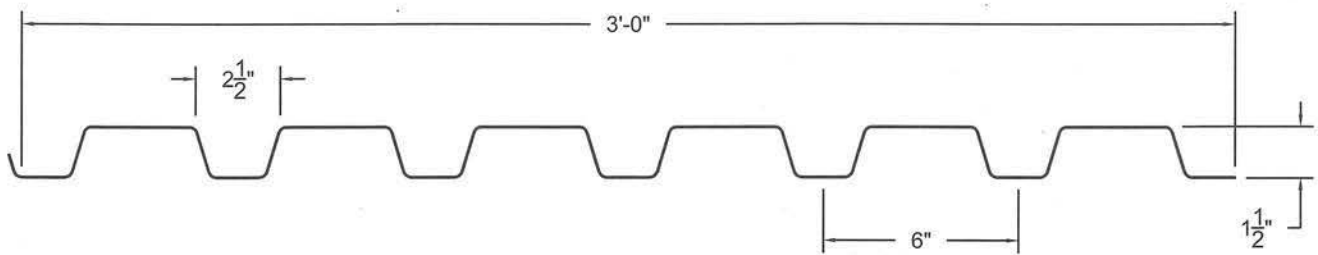
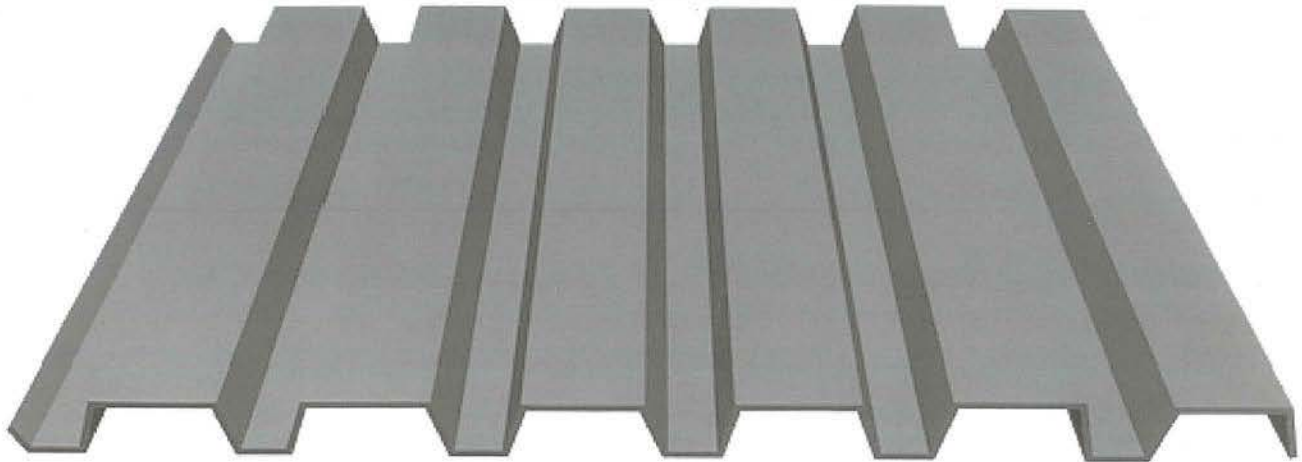


FLEXOSPAN



SPAN	GAUGE	5'-0"	5'-6"	6'-0"	6'-6"	7'-0"	7'-6"	8'-0"	8'-6"	9'-0"	9'-6"	10'-0"	10'-6"	11'-0"
SIMPLE SPAN	22	86	65	50	39	31	25	21	17	15	13	-	-	-
	20	110	83	64	50	40	33	27	22	19	16	14	-	-
	18	157	118	91	71	57	47	38	32	27	23	20	17	15
TWO SPANS	22	90	75	64	55	47	41	36	32	29	26	23	21	19
	20	126	105	89	77	66	58	51	45	41	37	33	30	26
	18	178	149	126	109	94	82	73	65	58	52	47	42	37
THREE OR MORE SPANS	22	104	87	73	63	55	48	42	35	29	25	21	18	16
	20	145	121	103	88	77	64	53	44	37	32	28	24	21
	18	204	171	146	125	109	90	74	62	52	44	38	33	29

- Notes:
- 1) Loads shown in above table are uniformly distributed total loads, including dead loads.
 - 2) Capacities are based on a maximum flexural stress limit of 20 ksi, using 33 ksi minimum yield strength steel.
 - 3) Shaded areas of the table are governed by the maximum deflection limit of L/240.
 - 4) For heavy construction loads, concentrated loads or wind load only applications, contact Flexospan.

FLEX-B-DECK

FLEXOSPAN manufactures FLEX-B-DECK that is roll formed to our usual high quality standards. Our steel decking is both long lasting and attractive, so that it can be left exposed, and the ease with which it can be installed makes it applicable to a wide range of uses. It makes a perfect fit with our line of standing seam roofs. We provide FLEX-B-DECK in both galvanized, Galvalume®, prime painted and stainless steel. Specialized paint finishes available with minimum quantity requirements.

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