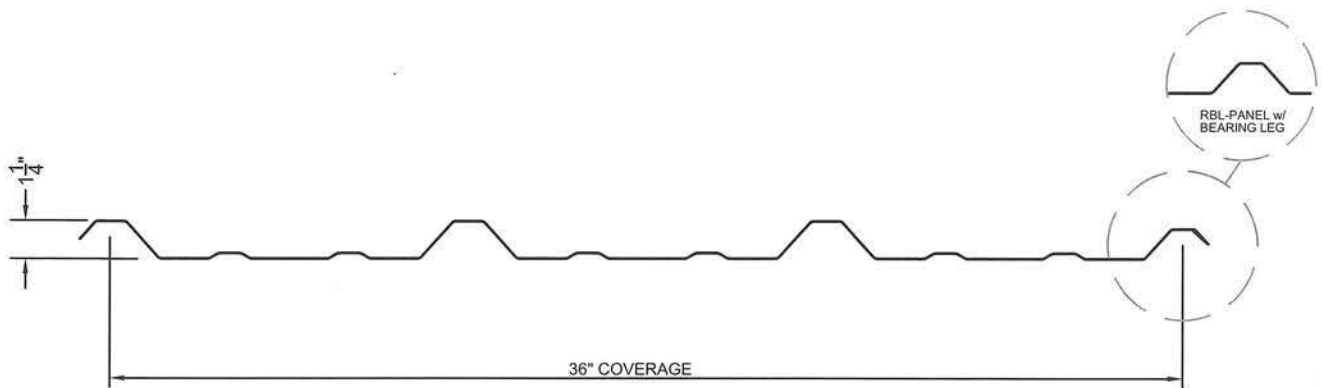
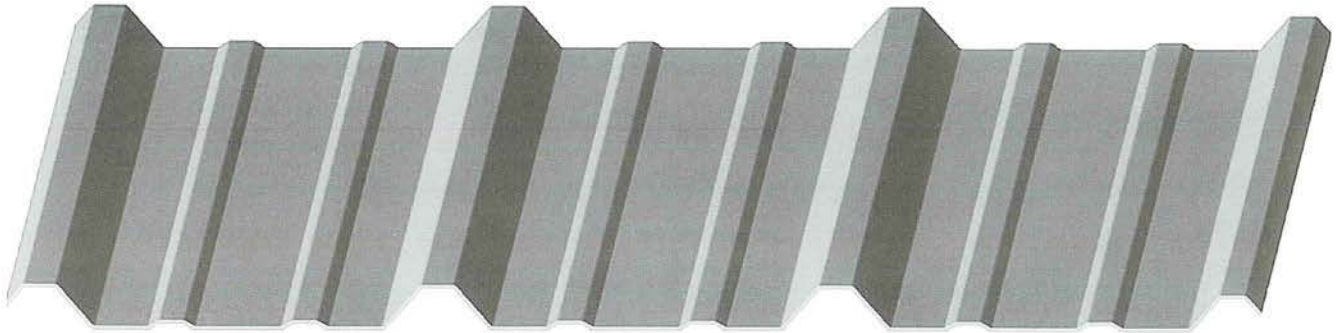


FLEXOSPAN



'R' Panel Load Table

		<i>Span Length</i>														
Yield, ksi	Thickness	# Spans	2' 6"	3'	3' 6"	4'	4' 6"	5'	5' 6"	6'	6' 6"	7'	7' 6"	8'	8' 6"	9'
80	24 Ga	1	233	162	119	91	64	46	35	27	21	17	13	11	-	-
	STL.	3	293	207	153	118	94	76	63	51	40	32	26	21	18	15
80	26 Ga	1	148	103	75	58	45	35	26	20	16	12	10	-	-	-
	STL.	3	203	146	109	85	68	55	46	38	30	24	19	16	13	11
50	24 Ga	1	206	143	105	80	63	46	35	27	21	17	13	11	-	-
	STL.	3	249	175	130	100	79	64	53	45	38	32	26	21	18	15
50	26 Ga	1	132	91	67	51	40	33	26	20	16	12	10	-	-	-
	STL.	3	177	126	94	72	57	47	39	32	28	24	19	16	13	11

2001 AI SI Stress and L/180 deflection limited, 50 ksi and 80 ksi as noted. Max allowable on 80k material 60 ksi per AI SI. Values shown for live load; wind increase not included. Return bearing leg.

R-PANEL

R-PANEL - (FOR ROOFING, WITH A PURLIN BEARING LEG) This traditional metal building panel, available in 26 and 24 gauge, is compatible with many existing buildings, provides the most economical use of you metal dollars. Cost savings and the value of strenght that comes from 80 KSI yield steel make our R-PANEL a real value.

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