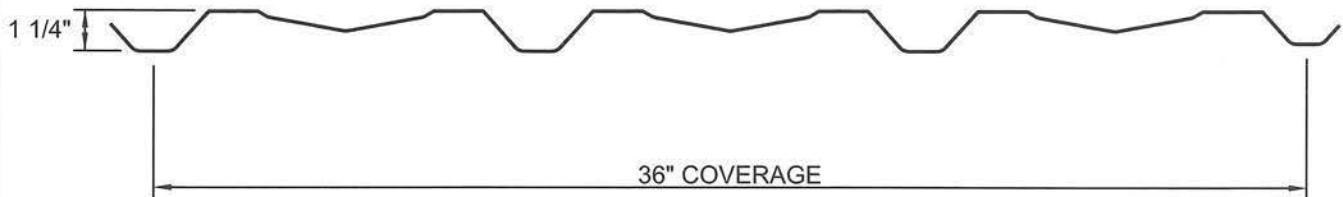
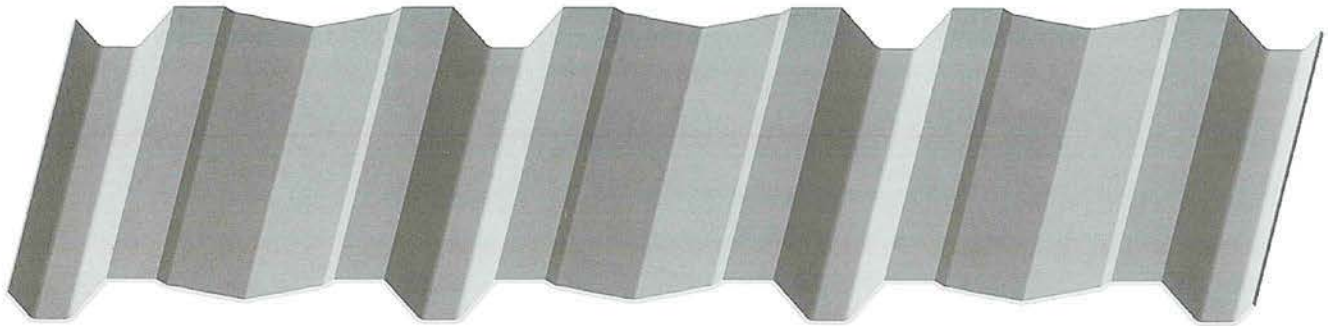


# FLEXOSPAN



**'A' Panel Load Table**

Yield, ksi	Thickness	# Spans	Span Length															
			2' 6"	3'	3' 6"	4'	4' 6"	5'	5' 6"	6'	6' 6"	7'	7' 6"	8'	8' 6"	9'	9' 6"	10'
80	24 Ga	1	248	172	114	76	53	39	29	22	17	14	11	-	-	-	-	-
	STL.	3	276	195	145	112	89	72	55	43	33	27	22	18	15	12	10	-
80	26 Ga	1	181	125	85	57	40	29	22	17	13	10	-	-	-	-	-	-
	STL.	3	168	121	90	70	56	45	38	32	25	20	16	13	11	-	-	-
50	24 Ga	1	208	145	106	76	53	39	29	22	17	14	11	-	-	-	-	-
	STL.	3	238	168	125	96	76	62	51	43	33	27	22	18	15	12	10	-
50	26 Ga	1	152	105	77	57	40	29	22	17	13	10	-	-	-	-	-	-
	STL.	3	152	108	80	62	49	40	33	28	24	20	16	13	11	-	-	-

2001 AISI Stress and L/180 deflection limited, 50 ksi and 80 ksi as noted. Max allowable on 80K material 60 ksi per AISI.

Values shown for external wind pressure. Wind increase not included.

'A' Panel Profile for use as wall only; not recommended for roof applications.

# A-PANEL

A-PANEL - An excellent choice for economy and appearance. The combination of the narrow recessed rib with an architectural indentation creates interest and beauty where cost is an issue.

## 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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