# Berridge Flush Seam Panel

Soffit and facade system

With rigid embossed texture for soft, uniform reflectivity. Prefinished fascia or soffit panel for open spans to provide flat ap

- Spans over open framework or solid sheathing
- **Hidden fasteners**
- Flat appearance
- Multi-purpose panel
- Self-venting







The rigid embossed texture of Berridge Flush Seam Panel makes it well-suited for both interior wall and ceiling and exterior applications.





| SECTION PROPERTIES BASED ON 24 GAUGE 40 K.S.I. |                           |                            |                      |  |  |  |
|--|---------------------------|----------------------------|----------------------|--|--|--|
| FLUSH SEAM<br>PANEL                            | DL <sub>x</sub> (In⁴/ft.) | M <sub>A</sub> (ftlbs/ft.) | V <sub>A</sub> (lbs) |  |  |  |
| POSITIVE BENDING<br>NEGATIVE BENDING           | 0.01206<br>0.01323        | 79.8<br>64.8               | 516<br>516           |  |  |  |

| RECOMMENDED LOAD IN POUNDS PER SQUARE FOOT Panel Weight =1.4 p.s.f. |                        |        |        |                          |        |        |  |  |
|---|------------------------|--------|--------|--------------------------|--------|--------|--|--|
| SPAN  | NET VERTICAL LIVE LOAD |        |        | NET VERTICAL WIND UPLIFT |        |        |  |  |
| (Feet)  | 1-SPAN                 | 2-SPAN | 3-SPAN | 1-SPAN                   | 2-SPAN | 3-SPAN |  |  |
| 2'- 6"  | 90                     | 90     | 90     | 83                       | 90     | 90     |  |  |
| 2'- 8"  | 83                     | 90     | 90     | 73                       | 90     | 90     |  |  |
| 3'- 0"  | 58                     | 75     | 87     | 58                       | 90     | 60     |  |  |
| 3'- 6"  | 35                     | 55     | 65     | 40                       | 68     | 76d    |  |  |
| 4'- 0"  | 25                     | 42     | 47d    | 27                       | 52     | 51d    |  |  |
| 4'- 6"  | 17                     | 34     | 32d    | 19                       | 41     | 36d    |  |  |
| 5'- 0"  | 12                     | 27d    | 24d    | 12                       | 33     | 26d    |  |  |
| 5'- 6"  |                        | 22d    | 18d    |                          | 25d    | 20d    |  |  |
| 6'- 0"  |                        | 17d    | 14d    |                          | 19d    | 15d    |  |  |
| NOTES:  |                        | 174    | 140    |                          | 100    | 150    |  |  |

- 1. All loads meet L/240 Deflection Criteria. (d) Deflection governs allowables
- Wind Load Allowable Stresses increased by 33%.
  Values based on 1996 edition of AISI and good engineering practice.

For specific job application recommendations, please contact Berridge Technical Department 1-800-231-8127

#### **SPECIFICATIONS**

(Request complete specifications from factory)

Furnish and install Berridge Flush Seam Panel as manufactured by Berridge Manufacturing Co., Houston, Texas.

## MANUFACTURE:

Panels shall be roll formed in continuous lengths (maximum 40'). **MATERIAL AND FINISH:** 

Not available in either prefinished or Satin Finish Galvalume® (See web site: www.berridge.com)

### **CONSTRUCTION DETAILS**

(See web site: www.berridge.com)

