

# Prestige Series

| Allowable Load (lbs/ft <sup>2</sup> ) |      |            |      |     |     |     |
|---------------------------------------|------|------------|------|-----|-----|-----|
| Gauge                                 | Span | Conditions | SPAN |     |     |     |
|                                       |      |            | 4    | 5   | 6   | 7   |
| 24                                    | SS   | f          | 71   | 45  | 31  | 23  |
|                                       |      | L/180      | 71   | 45  | 30  | 19  |
|                                       | DS   | f          | 126  | 80  | 56  | 41  |
|                                       |      | L/180      | 126  | 80  | 56  | 41  |
|                                       | TS   | f          | 111  | 71  | 49  | 36  |
|                                       |      | L/180      | 111  | 71  | 49  | 36  |
| 22                                    | SS   | f          | 99   | 63  | 44  | 32  |
|                                       |      | L/180      | 99   | 63  | 41  | 26  |
|                                       | DS   | f          | 170  | 108 | 75  | 55  |
|                                       |      | L/180      | 170  | 108 | 75  | 55  |
|                                       | TS   | f          | 156  | 99  | 69  | 50  |
|                                       |      | L/180      | 156  | 99  | 69  | 49  |
| 20                                    | SS   | f          | 132  | 85  | 59  | 43  |
|                                       |      | L/180      | 132  | 85  | 54  | 34  |
|                                       | DS   | f          | 203  | 130 | 90  | 66  |
|                                       |      | L/180      | 203  | 130 | 90  | 66  |
|                                       | TS   | f          | 207  | 132 | 92  | 67  |
|                                       |      | L/180      | 207  | 132 | 92  | 64  |
| 18                                    | SS   | f          | 210  | 134 | 93  | 68  |
|                                       |      | L/180      | 210  | 134 | 81  | 51  |
|                                       | DS   | f          | 269  | 172 | 119 | 88  |
|                                       |      | L/180      | 269  | 172 | 119 | 88  |
|                                       | TS   | f          | 329  | 210 | 146 | 107 |
|                                       |      | L/180      | 329  | 210 | 146 | 96  |

| Allowable Span (ft-in.) |      |            |                                       |       |       |       |      |      |
|-------------------------|------|------------|---------------------------------------|-------|-------|-------|------|------|
| Gauge                   | Span | Conditions | Allowable Load (lbs/ft <sup>2</sup> ) |       |       |       |      |      |
|                         |      |            | 10                                    | 20    | 25    | 30    | 40   | 50   |
| 24                      | SS   | f          | 10-7                                  | 7-6   | 6-8   | 6-1   | 5-3  | 4-9  |
|                         |      | L/180      | 8-8                                   | 6-10  | 6-4   | 6-0   | 5-3  | 4-9  |
|                         | DS   | f          | 14-2                                  | 10-0  | 8-11  | 8-2   | 7-1  | 6-4  |
|                         |      | L/180      | 11-7                                  | 9-3   | 8-7   | 8-1   | 7-1  | 6-4  |
|                         | TS   | f          | 13-3                                  | 9-5   | 8-5   | 7-8   | 6-7  | 5-11 |
|                         |      | L/180      | 10-9                                  | 8-6   | 7-11  | 7-5   | 6-7  | 5-11 |
| 22                      | SS   | f          | 12-7                                  | 8-11  | 7-11  | 7-3   | 6-3  | 5-7  |
|                         |      | L/180      | 9-8                                   | 7-8   | 7-1   | 6-8   | 6-1  | 5-7  |
|                         | DS   | f          | 16-5                                  | 11-7  | 10-5  | 9-6   | 8-2  | 7-4  |
|                         |      | L/180      | 12-11                                 | 10-3  | 9-6   | 8-11  | 8-1  | 7-4  |
|                         | TS   | f          | 15-9                                  | 11-2  | 9-11  | 9-1   | 7-10 | 7-0  |
|                         |      | L/180      | 11-11                                 | 9-5   | 8-9   | 8-3   | 7-6  | 6-11 |
| 20                      | SS   | f          | 14-6                                  | 10-3  | 9-2   | 8-5   | 7-3  | 6-6  |
|                         |      | L/180      | 10-6                                  | 8-4   | 7-9   | 7-3   | 6-7  | 6-1  |
|                         | DS   | f          | 18-0                                  | 12-9  | 11-4  | 10-4  | 9-0  | 8-0  |
|                         |      | L/180      | 14-1                                  | 11-2  | 10-4  | 9-9   | 8-10 | 8-0  |
|                         | TS   | f          | 18-2                                  | 12-10 | 11-6  | 10-6  | 9-1  | 8-1  |
|                         |      | L/180      | 13-0                                  | 10-3  | 9-7   | 9-0   | 8-2  | 7-7  |
| 18                      | SS   | f          | 18-4                                  | 12-11 | 11-7  | 10-7  | 9-2  | 8-2  |
|                         |      | L/180      | 12-0                                  | 9-6   | 8-10  | 8-4   | 7-7  | 7-0  |
|                         | DS   | f          | 20-9                                  | 14-8  | 13-1  | 11-11 | 10-4 | 9-3  |
|                         |      | L/180      | 16-1                                  | 12-9  | 11-10 | 11-2  | 10-2 | 9-   |
|                         | TS   | f          | 22-11                                 | 16-2  | 14-6  | 13-2  | 11-5 | 10-5 |
|                         |      | L/180      | 14-10                                 | 11-9  | 10-11 | 10-3  | 9-4  | 8-8  |

## Notes:

- Steel conforms to ASTM A653 (Galvanized) or ASTM A792 (Zincalume®) 40,000 minimum psi yield.
- Spans are for positive loading only
- Values have been determined in accordance with the American

Iron and Steel Institutet (AISI) Specification for the Design of Cold-Formed Steel Structural Members (1986 edition, with 1989 Addendum)

Specifications subject to change without notice.

## Loading Table Legend

f-Load limited by flexural bending stress

L-Span (Inches)

L/180-Load limited by a deflection of 1/180 of the span

SS-Single span

DS-Double span

TS-Triple span

