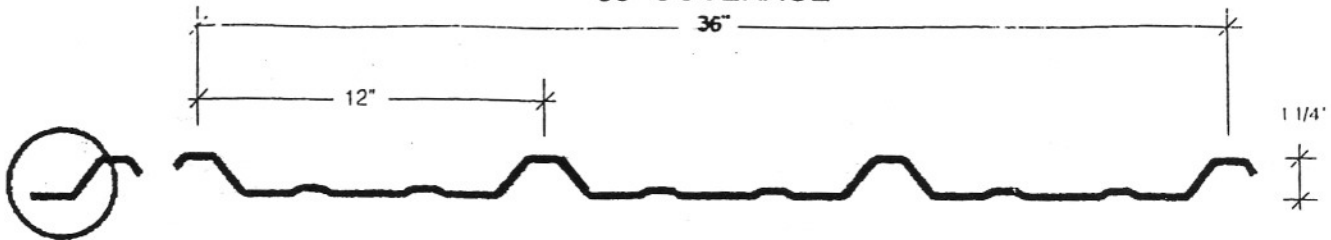


PRODUCT INFORMATION

R-PBR

36" COVERAGE



“PBR”

| SECTION PROPERTIES | | | | | | | | |
|--------------------|----------------------|--------------|----------------------------|----------------------------|--------------------------|----------------------------|----------------------------|--------------------------|
| | | | TOP FLAT IN COMPRESSION | | | BOTTOM FLAT IN COMPRESSION | | |
| PANEL GAUGE | F _y (KSI) | WEIGHT (PSF) | I _x (in. 4/ft.) | S _e (in. 3/ft.) | M _a (Kip in.) | I _x (in. 4/ft.) | S _e (in. 3/ft.) | M _a (Kip in.) |
| 26 | 60.0 | 0.94 | 0.0423 | 0.0388 | 1.3928 | 0.0390 | 0.0437 | 1.5698 |
| 24 | 50.0 | 1.14 | 0.0542 | 0.0518 | 1.5500 | 0.0517 | 0.0544 | 1.6296 |

ALLOWABLE UNIFORM LOADS IN POUNDS PER SQUARE FOOT

26 Gauge

| SPAN TYPE | LOAD TYPE | SPAN IN FEET | | | | | |
|----------------|----------------------|--------------|------|------|------|------|------|
| | | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 |
| SINGLE | NEGATIVE WIND LOAD | 155.0 | 87.2 | 55.8 | 38.8 | 28.5 | 21.8 |
| | LIVE LOAD/DEFLECTION | 102.7 | 43.3 | 22.2 | 12.8 | 8.1 | 5.4 |
| 2-SPAN | NEGATIVE WIND LOAD | 137.6 | 77.4 | 49.5 | 34.4 | 25.3 | 19.3 |
| | LIVE LOAD/DEFLECTION | 116.3 | 65.4 | 41.9 | 28.5 | 18.0 | 12.0 |
| 3-SPAN | NEGATIVE WIND LOAD | 172.0 | 96.7 | 61.9 | 43.0 | 31.6 | 24.2 |
| | LIVE LOAD/DEFLECTION | 145.4 | 75.4 | 38.6 | 22.3 | 14.1 | 9.4 |
| 4-SPAN OR MORE | NEGATIVE WIND LOAD | 160.6 | 90.3 | 57.8 | 40.1 | 29.5 | 22.6 |
| | LIVE LOAD/DEFLECTION | 135.7 | 76.3 | 41.0 | 23.7 | 14.9 | 10.0 |

24 Gauge

| SPAN TYPE | LOAD TYPE | SPAN IN FEET | | | | | |
|----------------|----------------------|--------------|-------|------|------|------|------|
| | | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 |
| SINGLE | NEGATIVE WIND LOAD | 160.9 | 90.5 | 57.9 | 40.2 | 29.6 | 22.6 |
| | LIVE LOAD/DEFLECTION | 114.8 | 55.5 | 28.4 | 16.4 | 10.4 | 6.9 |
| 2-SPAN | NEGATIVE WIND LOAD | 153.1 | 86.1 | 55.1 | 38.3 | 28.1 | 21.5 |
| | LIVE LOAD/DEFLECTION | 120.7 | 67.9 | 43.5 | 30.2 | 22.2 | 15.9 |
| 3-SPAN | NEGATIVE WIND LOAD | 191.4 | 107.6 | 68.9 | 47.8 | 35.1 | 26.9 |
| | LIVE LOAD/DEFLECTION | 150.9 | 84.9 | 51.2 | 29.6 | 18.6 | 12.5 |
| 4-SPAN OR MORE | NEGATIVE WIND LOAD | 178.7 | 100.5 | 64.3 | 44.7 | 32.8 | 25.1 |
| | LIVE LOAD/DEFLECTION | 140.9 | 79.2 | 50.7 | 31.4 | 19.8 | 13.3 |