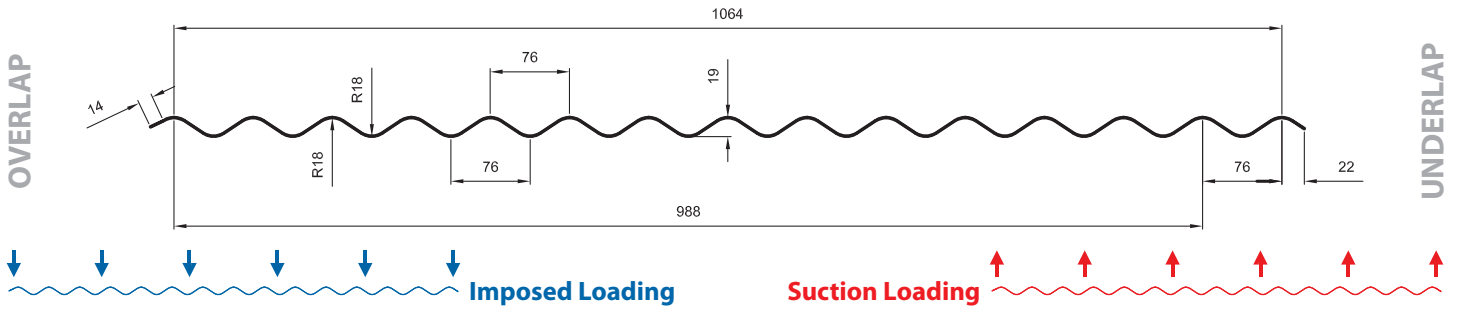


General Information:

| | | | | |
|--|--------|-----------------------------|-------------|-------------|
| Min. Yeild Stress (N/mm ²) | 220 | Weight (kg/m ²) | 0.63 | 0.75 |
| Deflection Limit | L/ 150 | | 6.19 | 7.37 |

Profile Dimensions:



Imposed (Gravity)

| | | | | | |
|---------------------------------|-------------|-------------|-------------------------------------|-------------|-------------|
| Bottom Flange In Tension | 0.63 | 0.75 | Bottom Flange In Compression | 0.63 | 0.75 |
| Moment Capacity(kNm/m) | 0.502 | 0.502 | Moment Capacity(kNm/m) | 0.502 | 0.502 |
| Inertia (cm ⁴ /m) | 2.078 | 2.078 | Inertia (cm ⁴ /m) | 2.078 | 2.078 |

| | | Span (m) / UDL (kN/m ²) | | | | | | | | | | | | | | | | |
|-------------|---------------|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00 | 2.10 | 2.20 | 2.30 | 2.40 | 2.50 | 2.60 |
| 0.63 | Single | 2.23 | 1.68 | 1.29 | 1.02 | 0.81 | 0.66 | 0.55 | 0.45 | 0.38 | 0.33 | 0.28 | 0.24 | 0.21 | | | | |
| | Double | 2.68 | 2.21 | 1.86 | 1.59 | 1.36 | 1.10 | 0.91 | 0.76 | 0.64 | 0.54 | 0.47 | 0.40 | 0.35 | 0.31 | 0.27 | 0.24 | 0.21 |
| | Multi | 3.35 | 2.77 | 2.15 | 1.69 | 1.36 | 1.10 | 0.91 | 0.76 | 0.64 | 0.54 | 0.47 | 0.40 | 0.35 | 0.31 | 0.27 | 0.24 | 0.21 |
| 0.75 | Single | 3.01 | 2.26 | 1.74 | 1.37 | 1.10 | 0.89 | 0.73 | 0.61 | 0.52 | 0.44 | 0.38 | 0.32 | 0.28 | 0.25 | 0.22 | | |
| | Double | 3.61 | 2.98 | 2.51 | 2.14 | 1.83 | 1.49 | 1.22 | 1.02 | 0.86 | 0.73 | 0.63 | 0.54 | 0.47 | 0.41 | 0.36 | 0.32 | 0.29 |
| | Multi | 4.51 | 3.73 | 2.90 | 2.28 | 1.83 | 1.49 | 1.22 | 1.02 | 0.86 | 0.73 | 0.63 | 0.54 | 0.47 | 0.41 | 0.36 | 0.32 | 0.29 |

Suction (Uplift)

| | | | | | |
|---------------------------------|-------------|-------------|-------------------------------------|-------------|-------------|
| Bottom Flange In Tension | 0.63 | 0.75 | Bottom Flange In Compression | 0.63 | 0.75 |
| Moment Capacity(kNm/m) | 0.502 | 0.502 | Moment Capacity(kNm/m) | 0.502 | 0.502 |
| Inertia (cm ⁴ /m) | 2.078 | 2.078 | Inertia (cm ⁴ /m) | 2.078 | 2.078 |

| | | Span (m) / UDL (kN/m ²) | | | | | | | | | | | | | | | | |
|-------------|---------------|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| | | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 | 1.60 | 1.70 | 1.80 | 1.90 | 2.00 | 2.10 | 2.20 | 2.30 | 2.40 | 2.50 | 2.60 |
| 0.63 | Single | 2.23 | 1.68 | 1.29 | 1.02 | 0.81 | 0.66 | 0.55 | 0.45 | 0.38 | 0.33 | 0.28 | 0.24 | 0.21 | | | | |
| | Double | 2.68 | 2.21 | 1.86 | 1.59 | 1.36 | 1.10 | 0.91 | 0.76 | 0.64 | 0.54 | 0.47 | 0.40 | 0.35 | 0.31 | 0.27 | 0.24 | 0.21 |
| | Multi | 3.35 | 2.77 | 2.15 | 1.69 | 1.36 | 1.10 | 0.91 | 0.76 | 0.64 | 0.54 | 0.47 | 0.40 | 0.35 | 0.31 | 0.27 | 0.24 | 0.21 |
| 0.75 | Single | 3.01 | 2.26 | 1.74 | 1.37 | 1.10 | 0.89 | 0.73 | 0.61 | 0.52 | 0.44 | 0.38 | 0.32 | 0.28 | 0.25 | 0.22 | | |
| | Double | 3.61 | 2.98 | 2.51 | 2.14 | 1.83 | 1.49 | 1.22 | 1.02 | 0.86 | 0.73 | 0.63 | 0.54 | 0.47 | 0.41 | 0.36 | 0.32 | 0.29 |
| | Multi | 4.51 | 3.73 | 2.90 | 2.28 | 1.83 | 1.49 | 1.22 | 1.02 | 0.86 | 0.73 | 0.63 | 0.54 | 0.47 | 0.41 | 0.36 | 0.32 | 0.29 |

Notes

- CA Sinu 19 988 when installed vertically as part of a wall construction to be limited to maximum 1.80m rail spans..
- CA Sinu 19 988 when installed horizontally as part of a wall construction to be limited to maximum 1.80m support spans.
- CA Sinu 19 988 when installed horizontally should be 0.7mm thick minimum.