

Capital Coated Steel

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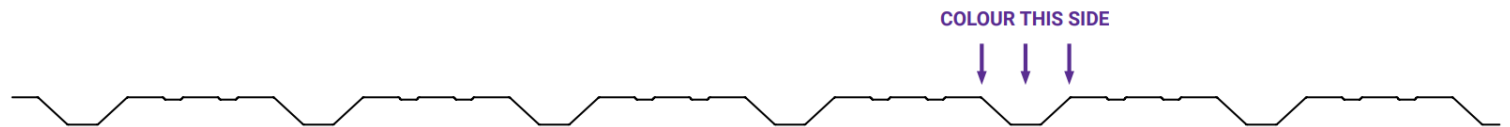
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Span (load) tables

C19 Ribbed Wall Profile - 0.5mm steel 220N/mm²



Safe imposed (gravity) loads (kN/m²)

| Span (m) | 0.8 | 0.9 | 1 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2 | 2.1 | 2.2 | 2.3 | 2.4 |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Single Span | 3.35 | 2.65 | 2.14 | 1.77 | 1.49 | 1.19 | 0.95 | 0.77 | 0.64 | 0.53 | 0.45 | 0.38 | 0.33 | 0.28 | 0.24 | 0.21 | 0.19 |
| Double Span | 2.23 | 1.86 | 1.57 | 1.35 | 1.17 | 1.03 | 0.91 | 0.81 | 0.72 | 0.65 | 0.59 | 0.54 | 0.49 | 0.45 | 0.41 | 0.36 | 0.31 |
| Multi Span | 2.67 | 2.23 | 1.89 | 1.62 | 1.41 | 1.24 | 1.1 | 0.98 | 0.88 | 0.79 | 0.72 | 0.63 | 0.54 | 0.47 | 0.41 | 0.36 | 0.31 |

Safe wind suction (uplift) loads (kN/m²)

| Span (m) | 0.8 | 0.9 | 1 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2 | 2.1 | 2.2 | 2.3 | 2.4 |
|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Single Span | 3.28 | 2.59 | 2.1 | 1.74 | 1.46 | 1.23 | 0.98 | 0.8 | 0.66 | 0.55 | 0.46 | 0.39 | 0.34 | 0.29 | 0.25 | 0.22 | 0.2 |
| Double Span | 2.26 | 1.88 | 1.59 | 1.37 | 1.19 | 1.04 | 0.92 | 0.82 | 0.73 | 0.66 | 0.6 | 0.55 | 0.5 | 0.46 | 0.42 | 0.37 | 0.33 |
| Multi Span | 2.7 | 2.25 | 1.91 | 1.64 | 1.43 | 1.26 | 1.11 | 0.99 | 0.89 | 0.8 | 0.73 | 0.66 | 0.56 | 0.49 | 0.42 | 0.37 | 0.33 |

Notes

The span tables above have been produced for roof cladding applications and were created in accordance with EN 1993-1-3 (Eurocode EC3).

Purple figures are deflection limited.

The values are based on a maximum permitted deflection

Imposed loads - L/150

Suction loads - L/150

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