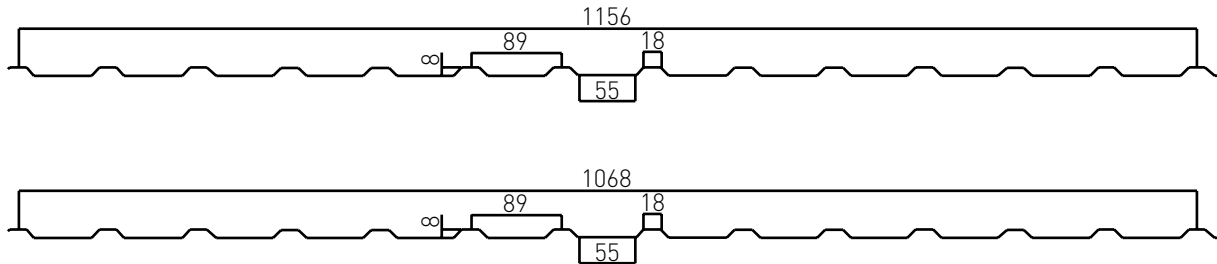
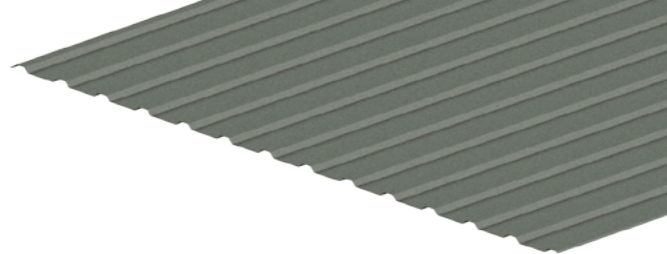


/ CHAPA T14 A/B



| MOMENTOS POSITIVOS |                           |               |                         |                         | MOMENTOS NEGATIVOS |                         |                         |
|--------------------|---------------------------|---------------|-------------------------|-------------------------|--------------------|-------------------------|-------------------------|
| tnom [mm]          | Peso [kg/m <sup>2</sup> ] | MRd+ [kN.m/m] | I+ [cm <sup>4</sup> /m] | W+ [cm <sup>3</sup> /m] | MRd- [kN.m/m]      | I- [cm <sup>4</sup> /m] | W- [cm <sup>3</sup> /m] |
| 0.45               | 4.42                      | 0.28          | 0.44                    | 0.77                    | 0.23               | 0.65                    | 0.82                    |
| 0.50               | 4.91                      | 0.33          | 0.51                    | 0.91                    | 0.28               | 0.77                    | 0.99                    |
| 0.55               | 5.40                      | 0.38          | 0.58                    | 1.05                    | 0.33               | 0.92                    | 1.18                    |
| 0.60               | 5.89                      | 0.41          | 0.64                    | 1.15                    | 0.39               | 1.07                    | 1.39                    |
| 0.70               | 6.87                      | 0.49          | 0.76                    | 1.36                    | 0.51               | 1.43                    | 1.83                    |

# CARATERÍSTICAS / CHAPA T14



| CARGAS DESCENDENTES |       |      |      |      |      |      |      |      |      |      |      |
|---------------------|-------|------|------|------|------|------|------|------|------|------|------|
| 1 Vão   Vão [m]     |       |      |      |      |      |      |      |      |      |      |      |
| t nom [mm]          | 0.50  | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 |
| 0.45                | 2.84  | 1.64 | 1.03 | 0.69 | 0.49 | 0.35 | 0.27 | 0.21 | 0.16 | 0.13 | 0.11 |
| 0.50                | 3.31  | 1.91 | 1.20 | 0.81 | 0.57 | 0.41 | 0.31 | 0.24 | 0.19 | 0.15 | 0.12 |
| 0.55                | 3.77  | 2.18 | 1.37 | 0.92 | 0.65 | 0.47 | 0.35 | 0.27 | 0.21 | 0.17 | 0.14 |
| 0.60                | 4.14  | 2.39 | 1.51 | 1.01 | 0.71 | 0.52 | 0.39 | 0.30 | 0.24 | 0.19 | 0.15 |
| 0.70                | 4.88  | 2.82 | 1.78 | 1.19 | 0.84 | 0.61 | 0.46 | 0.35 | 0.28 | 0.22 | 0.18 |
| 2 Vãos   Vão [m]    |       |      |      |      |      |      |      |      |      |      |      |
| t nom [mm]          | 0.50  | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 |
| 0.45                | 4.84  | 3.35 | 2.45 | 1.73 | 1.22 | 0.89 | 0.67 | 0.51 | 0.40 | 0.32 | 0.26 |
| 0.50                | 5.89  | 4.08 | 2.98 | 2.02 | 1.42 | 1.03 | 0.78 | 0.60 | 0.47 | 0.38 | 0.31 |
| 0.55                | 7.02  | 4.86 | 3.43 | 2.30 | 1.62 | 1.18 | 0.88 | 0.68 | 0.54 | 0.43 | 0.35 |
| 0.60                | 8.23  | 5.70 | 3.77 | 2.52 | 1.77 | 1.29 | 0.97 | 0.75 | 0.59 | 0.47 | 0.38 |
| 0.70                | 10.88 | 7.05 | 4.44 | 2.98 | 2.09 | 1.52 | 1.14 | 0.88 | 0.69 | 0.56 | 0.45 |
| 3 Vãos   Vão [m]    |       |      |      |      |      |      |      |      |      |      |      |
| t nom [mm]          | 0.50  | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 |
| 0.45                | 5.46  | 3.16 | 1.99 | 1.33 | 0.94 | 0.68 | 0.51 | 0.39 | 0.31 | 0.25 | 0.20 |
| 0.50                | 6.36  | 3.68 | 2.32 | 1.55 | 1.09 | 0.79 | 0.60 | 0.46 | 0.36 | 0.29 | 0.24 |
| 0.55                | 7.24  | 4.19 | 2.64 | 1.77 | 1.24 | 0.91 | 0.68 | 0.52 | 0.41 | 0.33 | 0.27 |
| 0.60                | 7.95  | 4.60 | 2.90 | 1.94 | 1.36 | 0.99 | 0.75 | 0.58 | 0.45 | 0.36 | 0.29 |
| 0.70                | 9.38  | 5.43 | 3.42 | 2.29 | 1.61 | 1.17 | 0.88 | 0.68 | 0.53 | 0.43 | 0.35 |

| CARGAS ASCENDENTES |       |      |      |      |      |      |      |      |      |      |      |
|--------------------|-------|------|------|------|------|------|------|------|------|------|------|
| 1 Vão   Vão [m]    |       |      |      |      |      |      |      |      |      |      |      |
| t nom [mm]         | 0.50  | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 |
| 0.45               | 4.84  | 3.22 | 2.03 | 1.36 | 0.95 | 0.70 | 0.52 | 0.40 | 0.32 | 0.25 | 0.21 |
| 0.50               | 5.89  | 3.85 | 2.43 | 1.63 | 1.14 | 0.83 | 0.63 | 0.48 | 0.38 | 0.30 | 0.25 |
| 0.55               | 7.02  | 4.56 | 2.87 | 1.92 | 1.35 | 0.99 | 0.74 | 0.57 | 0.45 | 0.36 | 0.29 |
| 0.60               | 8.23  | 5.34 | 3.36 | 2.25 | 1.58 | 1.15 | 0.87 | 0.67 | 0.53 | 0.42 | 0.34 |
| 0.70               | 10.88 | 7.13 | 4.49 | 3.01 | 2.11 | 1.54 | 1.16 | 0.89 | 0.70 | 0.56 | 0.46 |
| 2 Vãos   Vão [m]   |       |      |      |      |      |      |      |      |      |      |      |
| t nom [mm]         | 0.50  | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 |
| 0.45               | 5.90  | 4.08 | 2.99 | 2.28 | 1.79 | 1.44 | 1.19 | 0.99 | 0.79 | 0.63 | 0.52 |
| 0.50               | 6.95  | 4.82 | 3.53 | 2.69 | 2.12 | 1.71 | 1.40 | 1.17 | 0.95 | 0.76 | 0.62 |
| 0.55               | 8.00  | 5.54 | 4.06 | 3.10 | 2.44 | 1.96 | 1.62 | 1.35 | 1.12 | 0.90 | 0.73 |
| 0.60               | 8.79  | 6.09 | 4.46 | 3.40 | 2.68 | 2.16 | 1.77 | 1.48 | 1.26 | 1.05 | 0.85 |
| 0.70               | 10.36 | 7.17 | 5.25 | 4.01 | 3.15 | 2.54 | 2.09 | 1.75 | 1.48 | 1.27 | 1.10 |
| 3 Vãos   Vão [m]   |       |      |      |      |      |      |      |      |      |      |      |
| t nom [mm]         | 0.50  | 0.60 | 0.70 | 0.80 | 0.90 | 1.00 | 1.10 | 1.20 | 1.30 | 1.40 | 1.50 |
| 0.45               | 7.38  | 5.11 | 3.75 | 2.61 | 1.83 | 1.34 | 1.00 | 0.77 | 0.61 | 0.49 | 0.40 |
| 0.50               | 8.70  | 6.03 | 4.42 | 3.13 | 2.20 | 1.60 | 1.20 | 0.93 | 0.73 | 0.58 | 0.47 |
| 0.55               | 10.01 | 6.94 | 5.09 | 3.70 | 2.60 | 1.89 | 1.42 | 1.10 | 0.86 | 0.69 | 0.56 |
| 0.60               | 10.99 | 7.62 | 5.58 | 4.26 | 3.04 | 2.22 | 1.67 | 1.28 | 1.01 | 0.81 | 0.66 |
| 0.70               | 12.96 | 8.98 | 6.58 | 5.03 | 3.96 | 2.96 | 2.23 | 1.71 | 1.35 | 1.08 | 0.88 |