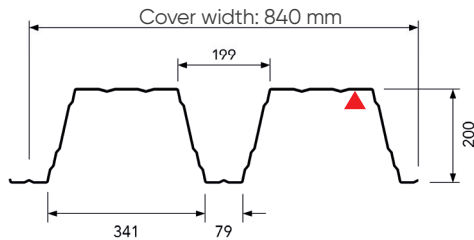
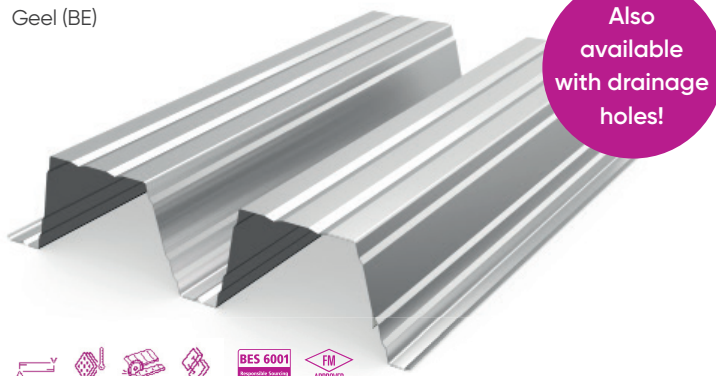


# Hacierco® 2.420.200\*



## Steeldeck

Geel (BE)



### Surface mass

| Thickness (mm)            | 0.75  | 0.88  | 1.00  | 1.25  |
|---------------------------|-------|-------|-------|-------|
| Mass (kg/m <sup>2</sup> ) | 10.51 | 12.34 | 14.02 | 17.52 |

Profile length:  
Minimum 1,800 mm / Maximum 24,400 mm  
Shorter lengths up to 1,250 mm are available on request.

## 2 SUPPORTS

| Span (m) | Pressure |      |      |      |      |      |      |      |      |      |      | Steel thickness (mm) | Underpressure |      |      |      |      |      |      |      |      |      |      |
|----------|----------|------|------|------|------|------|------|------|------|------|------|----------------------|---------------|------|------|------|------|------|------|------|------|------|------|
|          | 7.50     | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | 10.0 |                      | 7.50          | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | 10.0 |
| σ        | 0.82     | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 | 0.70                 | 1.22          | 1.14 | 1.07 | 1.01 | 0.95 | 0.90 | 0.85 | 0.80 | 0.76 | 0.72 | 0.69 |
| 200      | 0.82     | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 |                      | 1.22          | 1.12 | 1.02 | 0.93 | 0.85 | 0.78 | 0.71 | 0.66 | 0.61 | 0.56 | 0.52 |
| 250      | 0.82     | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.56 | 0.52 | 0.48 | 0.44 | 0.41 |                      | 0.99          | 0.90 | 0.81 | 0.74 | 0.68 | 0.62 | 0.57 | 0.53 | 0.49 | 0.45 | 0.42 |
| 300      | 0.81     | 0.74 | 0.67 | 0.61 | 0.56 | 0.51 | 0.47 | 0.43 | 0.40 | 0.37 | 0.34 |                      | 0.82          | 0.75 | 0.68 | 0.62 | 0.57 | 0.52 | 0.48 | 0.44 | 0.41 | 0.38 | 0.35 |
| σ        | 0.93     | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 | 0.75                 | 1.36          | 1.28 | 1.20 | 1.13 | 1.06 | 1.00 | 0.95 | 0.90 | 0.85 | 0.81 | 0.77 |
| 200      | 0.93     | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 |                      | 1.33          | 1.21 | 1.10 | 1.00 | 0.91 | 0.84 | 0.77 | 0.71 | 0.66 | 0.61 | 0.56 |
| 250      | 0.93     | 0.87 | 0.82 | 0.77 | 0.72 | 0.66 | 0.61 | 0.56 | 0.52 | 0.48 | 0.44 |                      | 1.07          | 0.97 | 0.88 | 0.80 | 0.73 | 0.67 | 0.62 | 0.57 | 0.53 | 0.49 | 0.45 |
| 300      | 0.87     | 0.79 | 0.72 | 0.66 | 0.60 | 0.55 | 0.51 | 0.47 | 0.43 | 0.40 | 0.37 |                      | 0.89          | 0.81 | 0.73 | 0.67 | 0.61 | 0.56 | 0.52 | 0.47 | 0.44 | 0.41 | 0.38 |
| σ        | 1.24     | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 | 0.70 | 0.88                 | 1.77          | 1.65 | 1.55 | 1.46 | 1.37 | 1.30 | 1.23 | 1.16 | 1.10 | 1.04 | 0.99 |
| 200      | 1.24     | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.76 | 0.71 | 0.66 |                      | 1.58          | 1.43 | 1.30 | 1.19 | 1.09 | 1.00 | 0.92 | 0.84 | 0.78 | 0.72 | 0.67 |
| 250      | 1.24     | 1.13 | 1.03 | 0.94 | 0.86 | 0.79 | 0.72 | 0.67 | 0.61 | 0.57 | 0.53 |                      | 1.27          | 1.15 | 1.04 | 0.95 | 0.87 | 0.80 | 0.73 | 0.68 | 0.62 | 0.58 | 0.53 |
| 300      | 1.04     | 0.94 | 0.86 | 0.78 | 0.72 | 0.66 | 0.60 | 0.56 | 0.51 | 0.48 | 0.44 |                      | 1.06          | 0.96 | 0.87 | 0.79 | 0.73 | 0.67 | 0.61 | 0.56 | 0.52 | 0.48 | 0.45 |
| σ        | 1.56     | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.02 | 0.97 | 0.92 | 0.88 | 1.00                 | 2.14          | 2.00 | 1.88 | 1.77 | 1.66 | 1.57 | 1.48 | 1.40 | 1.33 | 1.26 | 1.20 |
| 200      | 1.56     | 1.46 | 1.37 | 1.29 | 1.21 | 1.12 | 1.03 | 0.95 | 0.88 | 0.81 | 0.75 |                      | 1.82          | 1.65 | 1.50 | 1.36 | 1.25 | 1.14 | 1.05 | 0.97 | 0.89 | 0.83 | 0.77 |
| 250      | 1.43     | 1.29 | 1.18 | 1.07 | 0.98 | 0.90 | 0.83 | 0.76 | 0.70 | 0.65 | 0.60 |                      | 1.45          | 1.32 | 1.20 | 1.09 | 1.00 | 0.91 | 0.84 | 0.77 | 0.71 | 0.66 | 0.61 |
| 300      | 1.19     | 1.08 | 0.98 | 0.90 | 0.82 | 0.75 | 0.69 | 0.64 | 0.59 | 0.54 | 0.51 |                      | 1.21          | 1.10 | 1.00 | 0.91 | 0.83 | 0.76 | 0.70 | 0.65 | 0.60 | 0.55 | 0.51 |
| σ        | 2.34     | 2.19 | 2.06 | 1.94 | 1.82 | 1.72 | 1.63 | 1.54 | 1.46 | 1.39 | 1.32 | 1.25                 | 2.87          | 2.69 | 2.52 | 2.37 | 2.23 | 2.11 | 1.99 | 1.89 | 1.79 | 1.70 | 1.61 |
| 200      | 2.26     | 2.05 | 1.87 | 1.70 | 1.56 | 1.43 | 1.31 | 1.21 | 1.12 | 1.03 | 0.96 |                      | 2.29          | 2.07 | 1.89 | 1.72 | 1.57 | 1.44 | 1.32 | 1.22 | 1.13 | 1.04 | 0.97 |
| 250      | 1.81     | 1.64 | 1.50 | 1.36 | 1.25 | 1.14 | 1.05 | 0.97 | 0.89 | 0.83 | 0.77 |                      | 1.83          | 1.66 | 1.51 | 1.38 | 1.26 | 1.15 | 1.06 | 0.98 | 0.90 | 0.83 | 0.77 |
| 300      | 1.51     | 1.37 | 1.25 | 1.14 | 1.04 | 0.95 | 0.88 | 0.81 | 0.75 | 0.69 | 0.64 |                      | 1.53          | 1.38 | 1.26 | 1.15 | 1.05 | 0.96 | 0.88 | 0.81 | 0.75 | 0.69 | 0.64 |

Span table according to Belgian Eurocode norms / \* Also available in perforated version.

### 3 SUPPORTS

| Span (m) | Pressure |      |      |      |      |      |      |      |      |      |      | Steel thickness (mm) | Underpressure |      |      |      |      |      |      |      |      |      |      |
|----------|----------|------|------|------|------|------|------|------|------|------|------|----------------------|---------------|------|------|------|------|------|------|------|------|------|------|
|          | 7.50     | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | 10.0 |                      | 7.50          | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | 10.0 |
| σ        | 0.82     | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 | 0.70                 | 0.82          | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 |
| 200      | 0.82     | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 |                      | 0.82          | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 |
| 250      | 0.82     | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 |                      | 0.82          | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 |
| 300      | 0.82     | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 |                      | 0.82          | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 |
| σ        | 0.93     | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 | 0.75                 | 0.93          | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 |
| 200      | 0.93     | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 |                      | 0.93          | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 |
| 250      | 0.93     | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 |                      | 0.93          | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 |
| 300      | 0.93     | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 |                      | 0.93          | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 |
| σ        | 1.24     | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 | 0.70 | 0.88                 | 1.24          | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 | 0.70 |
| 200      | 1.24     | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 | 0.70 |                      | 1.24          | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 | 0.70 |
| 250      | 1.24     | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 | 0.70 |                      | 1.24          | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 | 0.70 |
| 300      | 1.24     | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 | 0.70 |                      | 1.24          | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 | 0.70 |
| σ        | 1.56     | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.02 | 0.97 | 0.92 | 0.88 | 1.00                 | 1.56          | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.02 | 0.97 | 0.92 | 0.88 |
| 200      | 1.56     | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.02 | 0.97 | 0.92 | 0.88 |                      | 1.56          | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.02 | 0.97 | 0.92 | 0.88 |
| 250      | 1.56     | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.02 | 0.97 | 0.92 | 0.88 |                      | 1.56          | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.02 | 0.97 | 0.92 | 0.88 |
| 300      | 1.56     | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.02 | 0.97 | 0.92 | 0.88 |                      | 1.56          | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.02 | 0.97 | 0.92 | 0.88 |
| σ        | 2.34     | 2.19 | 2.06 | 1.94 | 1.82 | 1.72 | 1.63 | 1.54 | 1.46 | 1.39 | 1.32 | 1.25                 | 2.34          | 2.19 | 2.06 | 1.94 | 1.82 | 1.72 | 1.63 | 1.54 | 1.46 | 1.39 | 1.32 |
| 200      | 2.34     | 2.19 | 2.06 | 1.94 | 1.82 | 1.72 | 1.63 | 1.54 | 1.46 | 1.39 | 1.32 |                      | 2.34          | 2.19 | 2.06 | 1.94 | 1.82 | 1.72 | 1.63 | 1.54 | 1.46 | 1.39 | 1.32 |
| 250      | 2.34     | 2.19 | 2.06 | 1.94 | 1.82 | 1.72 | 1.63 | 1.54 | 1.46 | 1.39 | 1.32 |                      | 2.34          | 2.19 | 2.06 | 1.94 | 1.82 | 1.72 | 1.63 | 1.54 | 1.46 | 1.39 | 1.32 |
| 300      | 2.34     | 2.19 | 2.06 | 1.94 | 1.82 | 1.72 | 1.63 | 1.54 | 1.46 | 1.39 | 1.32 |                      | 2.34          | 2.19 | 2.06 | 1.94 | 1.82 | 1.72 | 1.63 | 1.54 | 1.46 | 1.39 | 1.32 |

### 4 SUPPORTS

| Span (m) | Pressure |      |      |      |      |      |      |      |      |      |      | Steel thickness (mm) | Underpressure |      |      |      |      |      |      |      |      |      |      |
|----------|----------|------|------|------|------|------|------|------|------|------|------|----------------------|---------------|------|------|------|------|------|------|------|------|------|------|
|          | 7.50     | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | 10.0 |                      | 7.50          | 7.75 | 8.00 | 8.25 | 8.50 | 8.75 | 9.00 | 9.25 | 9.50 | 9.75 | 10.0 |
| σ        | 0.82     | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 | 0.70                 | 1.03          | 0.96 | 0.90 | 0.85 | 0.80 | 0.75 | 0.71 | 0.67 | 0.64 | 0.61 | 0.58 |
| 200      | 0.82     | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 |                      | 1.03          | 0.96 | 0.90 | 0.85 | 0.80 | 0.75 | 0.71 | 0.67 | 0.64 | 0.61 | 0.58 |
| 250      | 0.82     | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 |                      | 1.03          | 0.96 | 0.90 | 0.85 | 0.80 | 0.75 | 0.71 | 0.67 | 0.64 | 0.61 | 0.58 |
| 300      | 0.82     | 0.77 | 0.72 | 0.68 | 0.64 | 0.60 | 0.57 | 0.54 | 0.51 | 0.49 | 0.46 |                      | 1.03          | 0.96 | 0.90 | 0.85 | 0.80 | 0.75 | 0.71 | 0.67 | 0.64 | 0.61 | 0.58 |
| σ        | 0.93     | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 | 0.75                 | 1.16          | 1.09 | 1.02 | 0.96 | 0.90 | 0.85 | 0.81 | 0.76 | 0.72 | 0.69 | 0.65 |
| 200      | 0.93     | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 |                      | 1.16          | 1.09 | 1.02 | 0.96 | 0.90 | 0.85 | 0.81 | 0.76 | 0.72 | 0.69 | 0.65 |
| 250      | 0.93     | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 |                      | 1.16          | 1.09 | 1.02 | 0.96 | 0.90 | 0.85 | 0.81 | 0.76 | 0.72 | 0.69 | 0.65 |
| 300      | 0.93     | 0.87 | 0.82 | 0.77 | 0.72 | 0.68 | 0.64 | 0.61 | 0.58 | 0.55 | 0.52 |                      | 1.16          | 1.09 | 1.02 | 0.96 | 0.90 | 0.85 | 0.81 | 0.76 | 0.72 | 0.69 | 0.65 |
| σ        | 1.24     | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 | 0.70 | 0.88                 | 1.55          | 1.45 | 1.36 | 1.28 | 1.20 | 1.14 | 1.07 | 1.02 | 0.96 | 0.91 | 0.87 |
| 200      | 1.24     | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 | 0.70 |                      | 1.55          | 1.45 | 1.36 | 1.28 | 1.20 | 1.14 | 1.07 | 1.02 | 0.96 | 0.91 | 0.87 |
| 250      | 1.24     | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 | 0.70 |                      | 1.55          | 1.45 | 1.36 | 1.28 | 1.20 | 1.14 | 1.07 | 1.02 | 0.96 | 0.91 | 0.87 |
| 300      | 1.24     | 1.16 | 1.09 | 1.02 | 0.96 | 0.91 | 0.86 | 0.81 | 0.77 | 0.73 | 0.70 |                      | 1.55          | 1.45 | 1.36 | 1.28 | 1.20 | 1.14 | 1.07 | 1.02 | 0.96 | 0.91 | 0.85 |
| σ        | 1.56     | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.02 | 0.97 | 0.92 | 0.88 | 1.00                 | 1.95          | 1.82 | 1.71 | 1.61 | 1.52 | 1.43 | 1.35 | 1.28 | 1.21 | 1.15 | 1.10 |
| 200      | 1.56     | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.02 | 0.97 | 0.92 | 0.88 |                      | 1.95          | 1.82 | 1.71 | 1.61 | 1.52 | 1.43 | 1.35 | 1.28 | 1.21 | 1.15 | 1.10 |
| 250      | 1.56     | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.02 | 0.97 | 0.92 | 0.88 |                      | 1.95          | 1.82 | 1.71 | 1.61 | 1.52 | 1.43 | 1.35 | 1.28 | 1.21 | 1.15 | 1.10 |
| 300      | 1.56     | 1.46 | 1.37 | 1.29 | 1.21 | 1.15 | 1.08 | 1.02 | 0.97 | 0.92 | 0.88 |                      | 1.95          | 1.82 | 1.71 | 1.61 | 1.52 | 1.43 | 1.34 | 1.24 | 1.14 | 1.05 | 0.98 |
| σ        | 2.34     | 2.19 | 2.06 | 1.94 | 1.82 | 1.72 | 1.63 | 1.54 | 1.46 | 1.39 | 1.32 | 1.25                 | 2.93          | 2.74 | 2.57 | 2.42 | 2.28 | 2.15 | 2.03 | 1.92 | 1.83 | 1.73 | 1.65 |
| 200      | 2.34     | 2.19 | 2.06 | 1.94 | 1.82 | 1.72 | 1.63 | 1.54 | 1.46 | 1.39 | 1.32 |                      | 2.93          | 2.74 | 2.57 | 2.42 | 2.28 | 2.15 | 2.03 | 1.92 | 1.83 | 1.73 | 1.65 |
| 250      | 2.34     | 2.19 | 2.06 | 1.94 | 1.82 | 1.72 | 1.63 | 1.54 | 1.46 | 1.39 | 1.32 |                      | 2.93          | 2.74 | 2.57 | 2.42 | 2.28 | 2.15 | 2.03 | 1.87 | 1.72 | 1.60 | 1.48 |
| 300      | 2.34     | 2.19 | 2.06 | 1.94 | 1.82 | 1.72 | 1.63 | 1.54 | 1.43 | 1.32 | 1.22 |                      | 2.92          | 2.65 | 2.41 | 2.19 | 2.01 | 1.84 | 1.69 | 1.56 | 1.44 | 1.33 | 1.23 |