

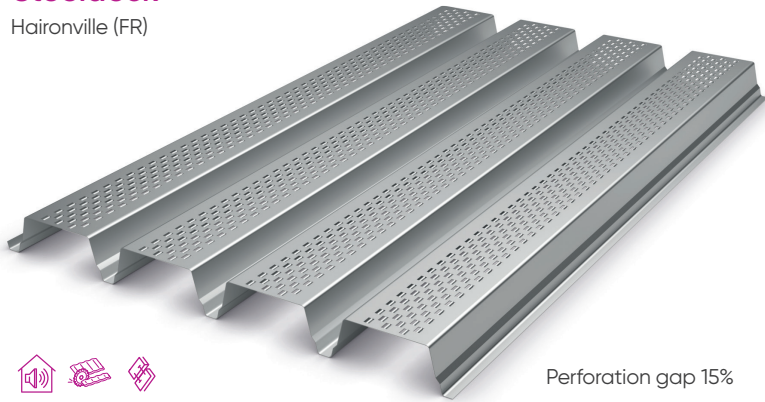
Hacierco® 4.214.74C



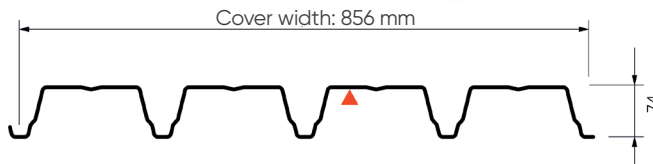
ArcelorMittal

Steeldeck

Haironville (FR)



Perforation gap 15%



- Profile length:
- Minimum 1,800 mm / Maximum 22,000 mm
- Valley opening: 70 mm
- Bottom of rib: 24 mm
- Shorter lengths up to 1,250 mm are available on request.

Characteristics

| | | | THICKNESS (mm) | | |
|----------------------------|-----------------------------------------|-----------------|-----------------------|------|------|
| | | | 0.75 | | |
| | | | 8.94 | | |
| Action of descending loads | Surface mass (kg/m ²) | | | | |
| | Moments of inertia (cm ⁴ /m) | Single span | I2 | 0.88 | |
| | | Two equal spans | I3 | 0.82 | |
| | | Continuity | Im | 0.85 | |
| | Bending moment (m.kN/m) | In span | Elastic system | Md2T | 4.79 |
| | | | Elasto-plastic system | Md3T | 5.81 |
| | | Supported | Md3A | 5.06 | |
| Under concentrated load | | Mc | 3.60 | | |

Table of use for equal spans with loads expressed in kN/m²

Hacierco® 4.214.74C - According to PV SOCOTEC LG 4002

| Variable load | Permanent loads | Total of descending loads | 2 SUPPORTS ▲—▲ | 3 SUPPORTS ▲—▲—▲ | 4 SUPPORTS ▲—▲—▲—▲ |
|---------------|-----------------|---------------------------|----------------|------------------|--------------------|
| | | | 0.75 | 0.75 | 0.75 |
| 1.00 | 0.10 | 1.10 | 3.85 | 5.05 | 4.75 |
| 1.00 | 0.15 | 1.15 | 3.85 | 5.05 | 4.75 |
| 1.00 | 0.20 | 1.20 | 3.80 | 4.95 | 4.70 |
| 1.00 | 0.25 | 1.25 | 3.75 | 4.90 | 4.60 |
| 1.00 | 0.30 | 1.30 | 3.70 | 4.80 | 4.55 |
| 1.00 | 0.35 | 1.35 | 3.65 | 4.70 | 4.50 |
| 1.00 | 1.00 | 2.00 | 3.25 | 3.95 | 3.95 |
| 1.00 | 1.50 | 2.50 | 3.00 | 3.30 | 3.30 |
| 1.25 | 0.25 | 1.50 | 3.55 | 4.45 | 4.35 |
| 1.50 | 0.25 | 1.75 | 3.35 | 4.15 | 4.15 |
| 1.75 | 0.25 | 2.00 | 3.20 | 3.90 | 3.90 |
| 2.00 | 0.25 | 2.25 | 3.05 | 3.50 | 3.50 |