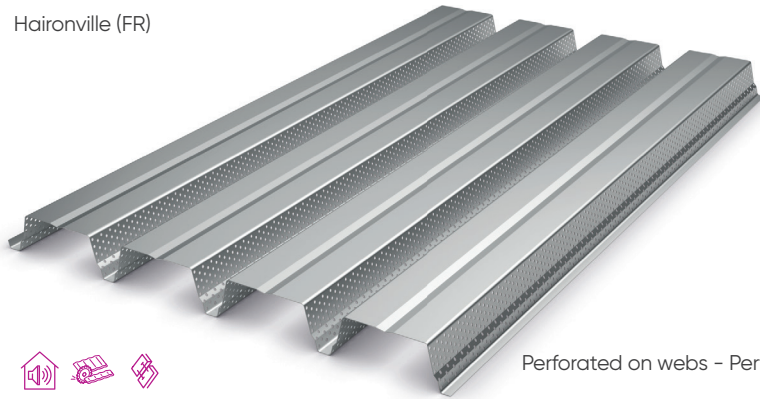


# Hacierco® 4.214.74PA

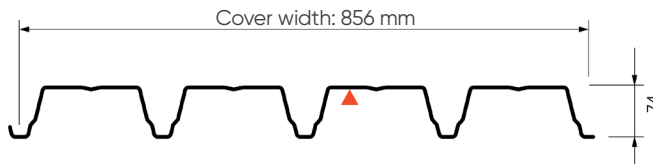


## Steeldeck

Haironville (FR)



Perforated on webs - 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	0.88	1.00	1.25		
Action of descending loads	Surface mass (kg/m <sup>2</sup> )		8.49	9.96	11.32	14.15		
	Moments of inertia (cm <sup>4</sup> /m)	Single span	I2	0.82	0.97	1.10	1.37	
		Two equal spans	I3	0.72	0.84	0.96	1.20	
		Continuity	Im	0.77	0.91	1.03	1.29	
	Bending moment (m.kN/m)	In span	Elastic system	Md2T	4.56	5.35	6.08	7.60
			Elasto-plastic system	Md3T	5.09	5.97	6.78	8.48
		Supported	Md3A	4.30	5.04	5.73	7.16	
		Under concentrated load	Mc	3.40	3.99	4.35	5.67	

### Table of use for equal spans with loads expressed in kN/m<sup>2</sup>

Hacierco® 4.214.74PA - According to PV SOCOTEC LG 4003

Variable load	Permanent loads	Total of descending loads	2 SUPPORTS ▲—▲				3 SUPPORTS ▲—▲—▲				4 SUPPORTS ▲—▲—▲—▲			
			0.75	0.88	1.00	1.25	0.75	0.88	1.00	1.25	0.75	0.88	1.00	1.25
1.00	0.10	1.10	3.75	3.95	4.15	4.45	4.85	5.10	5.25	5.60	4.60	4.85	5.05	5.30
1.00	0.15	1.15	3.75	3.95	4.15	4.40	4.75	5.10	5.25	5.60	4.60	4.85	5.00	5.30
1.00	0.20	1.20	3.75	3.90	4.10	4.35	4.65	5.00	5.25	5.60	4.55	4.75	4.95	5.30
1.00	0.25	1.25	3.70	3.85	4.05	4.30	4.55	4.90	5.20	5.60	4.50	4.70	4.90	5.25
1.00	0.30	1.30	3.65	3.80	4.00	4.25	4.50	4.85	5.15	5.50	4.45	4.65	4.85	5.20
1.00	0.35	1.35	3.60	3.80	3.95	4.20	4.40	4.75	5.05	5.45	4.35	4.60	4.80	5.10
1.00	1.00	2.00	3.15	3.35	3.50	3.75	3.70	4.00	4.25	4.75	3.70	4.00	4.25	4.55
1.00	1.50	2.50	2.95	3.10	3.25	3.50	3.10	3.60	3.85	4.25	3.10	3.60	3.85	4.25
1.25	0.25	1.50	3.50	3.65	3.80	4.10	4.20	4.50	4.80	5.25	4.20	4.45	4.65	4.95
1.50	0.25	1.75	3.30	3.45	3.60	3.90	3.90	4.20	4.45	4.95	3.90	4.20	4.40	4.75
1.75	0.25	2.00	3.10	3.30	3.45	3.70	3.65	3.95	4.15	4.65	3.65	3.95	4.15	4.50
2.00	0.25	2.25	3.00	3.15	3.30	3.55	3.30	3.70	3.95	4.40	3.30	3.70	3.95	4.30