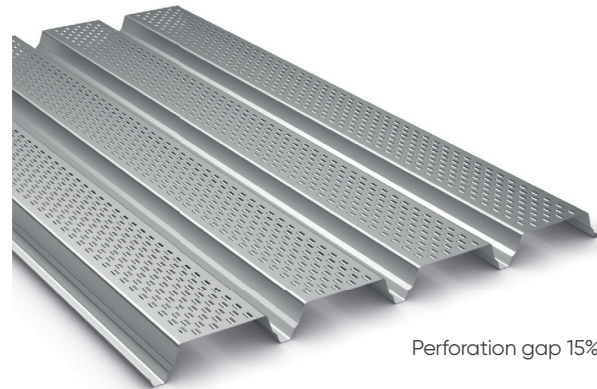
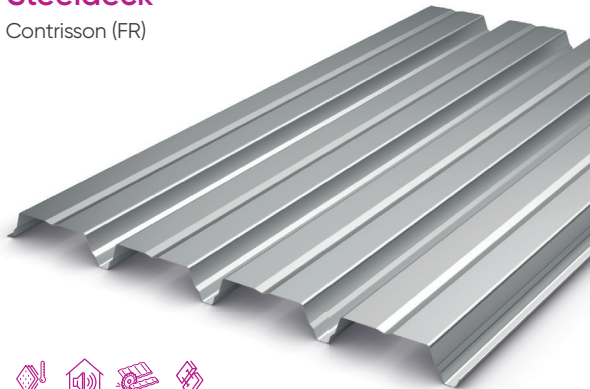




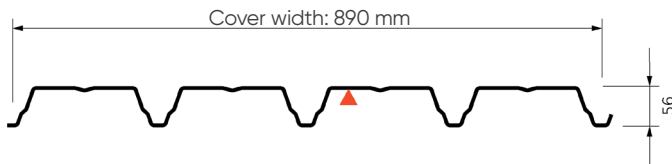
Hacierco[®] 4.222.56 & 56C ArcelorMittal

Steeldeck

Contrisson (FR)



Perforation gap 15%



- Profile length:
- Minimum 1,800 mm / Maximum 15,000 mm
- Valley opening: 70 mm
- Bottom of rib: 20 mm
- Shorter lengths up to 1,250 mm are available on request.

Characteristics

				THICKNESS (mm)						
				Hacierco [®] 4.222.56			Hacierco [®] 4.222.56C			
				0.75	0.88	1.00	1.25	0.75		
Action of descending loads	Surface mass (kg/m ²)			7.84	9.20	10.45	13.06	7.84		
	Moments of inertia (cm ⁴ /ml)	Single span		I2	50.02	58.68	66.69	83.36	48.89	
		Two equal spans		I3	46.07	54.05	61.42	76.78	42.08	
		Continuity		Im	48.04	56.37	64.06	80.07	45.49	
	Bending moment (m.kN/ml)	In span	Elastic system		Md2T	3.75	4.40	5.00	6.25	3.56
			Elasto-plastic system		Md3T	4.56	5.35	6.08	7.60	4.48
		Supported		Md3A	3.90	4.57	5.20	6.49	3.99	
Under concentrated load		Mc	2.83	3.32	3.78	4.72	2.62			

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

Hacierco[®] 4.222.56 - According to PV SOCOTEC QG 0021-01

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	3.20	3.35	3.50	3.80	4.20	4.45	4.60	5.00	3.90	4.10	4.30	4.65
1.00	0.15	1.15	3.20	3.35	3.50	3.75	4.20	4.45	4.60	4.95	3.90	4.10	4.30	4.60
1.00	0.20	1.20	3.15	3.35	3.45	3.70	4.15	4.40	4.55	4.90	3.90	4.10	4.25	4.55
1.00	0.25	1.25	3.10	3.30	3.40	3.65	4.10	4.35	4.50	4.80	3.85	4.05	4.20	4.50
1.00	0.30	1.30	3.10	3.25	3.35	3.60	4.05	4.30	4.45	4.75	3.80	4.00	4.15	4.45
1.00	0.35	1.35	3.05	3.20	3.35	3.55	4.00	4.25	4.40	4.70	3.75	3.95	4.10	4.40
1.00	1.00	2.00	2.70	2.85	2.95	3.15	3.50	3.75	3.90	4.15	3.30	3.45	3.60	3.90
1.00	1.50	2.50	2.50	2.65	2.75	2.95	3.10	3.45	3.60	3.90	3.05	3.25	3.35	3.60
1.25	0.25	1.50	2.95	3.10	3.25	3.45	3.90	4.10	4.25	4.55	3.60	3.80	3.95	4.25
1.50	0.25	1.75	2.80	2.95	3.05	3.30	3.65	3.85	4.05	4.35	3.40	3.60	3.75	4.05
1.75	0.25	2.00	2.65	2.80	2.90	3.15	3.45	3.70	3.85	4.15	3.25	3.40	3.55	3.85
2.00	0.25	2.25	2.55	2.65	2.80	3.00	3.25	3.50	3.65	3.95	3.10	3.25	3.40	3.70

Hacierco[®] 4.222.56C - According to PV SOCOTEC QG 0021-01

Variable load	Permanent loads	Total of descending loads	2 SUPPORTS ▲▲		3 SUPPORTS ▲▲▲		4 SUPPORTS ▲▲▲▲	
			0.75	0.75	0.75	0.75		
1.00	0.10	1.10	3.15	4.10		3.85		
1.00	0.15	1.15	3.15	4.10		3.85		
1.00	0.20	1.20	3.15	4.05		3.80		
1.00	0.25	1.25	3.10	4.00		3.75		
1.00	0.30	1.30	3.05	3.95		3.70		
1.00	0.35	1.35	3.05	3.90		3.65		
1.00	1.00	2.00	2.65	3.45		3.25		
1.00	1.50	2.50	2.50	3.05		3.00		
1.25	0.25	1.50	2.95	3.75		3.55		
1.50	0.25	1.75	2.75	3.55		3.35		
1.75	0.25	2.00	2.60	3.40		3.20		
2.00	0.25	2.25	2.50	3.20		3.05		

Span table according to French norms