

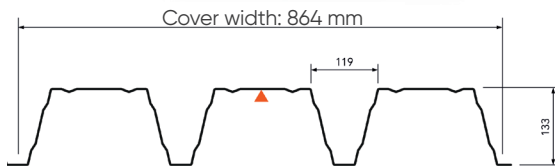
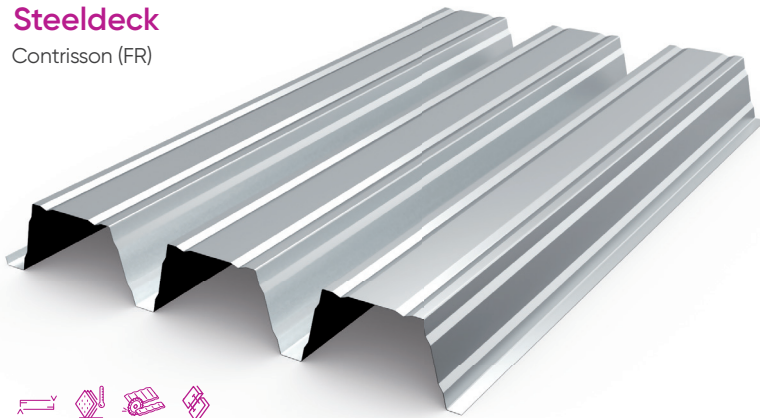
# Hacierco® 3.288.133



ArcelorMittal

## Steeldeck

Contrisson (FR)



- Profile length:
- Minimum 1,800 mm / Maximum 24,000 mm
- Valley opening: 119 mm
- Bottom of rib: 37 mm
- Minimum support width : 60 mm
- Shorter lengths up to 1,250 mm are available on request.

Span optimisation: All our application tables are also available for 160 mm support widths. Just ask us!

## Characteristics

				THICKNESS (mm)					
				0.75	0.88	1.00	1.25		
Surface mass (kg/m <sup>2</sup> )				10.22	11.99	13.63	17.04		
Action of descending loads	Moments of inertia (cm <sup>4</sup> /m)	Single span	I2	289.34	339.49	385.78	482.23		
		Two equal spans	I3	219.80	257.90	293.07	366.34		
		Continuity	Im	254.57	298.69	339.43	424.28		
	Bending moment (m.kN/m)	In span	Elastic system	M2T	11.10	13.02	14.80	18.50	
			Elasto-plastic system	M3T	10.48	12.29	13.97	17.46	
Supported		M3A	8.38	9.83	11.18	13.97			
Action of ascending loads	Complete fixing at the top of the rib	Moments of inertia (cm <sup>4</sup> /m)	Single span	I2	2.36	2.77	3.14	3.93	
			Two equal spans	I3	1.91	2.25	2.55	3.19	
			Continuity	Im	2.14	2.51	2.85	3.56	
	Full deck fixing	Bending moment (m.kN/m)	In span	Elastic system	M2T	8.20	9.62	10.93	13.67
			Elasto-plastic system	M3T	9.46	11.10	12.61	15.76	
Supported	M3A	7.51	8.81	10.01	12.51				

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

Hacierco® 3.288.133	Variable load	Permanent 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
Pressure	1.00	0.10	5.55	5.75	5.95	6.40	6.30	7.00	7.35	7.90	6.30	6.75	7.05	7.60
	1.00	0.20	5.55	5.75	5.95	6.40	6.30	7.00	7.35	7.90	6.30	6.75	7.05	7.60
	1.00	0.25	5.55	5.75	5.95	6.40	6.30	6.95	7.35	7.90	6.30	6.75	7.05	7.60
	1.00	0.30	5.50	5.75	5.95	6.40	6.30	6.80	7.20	7.90	6.30	6.75	7.05	7.60
	1.00	1.50	4.50	4.70	4.90	5.25	4.65	5.00	5.30	5.90	4.80	5.15	5.50	6.10
	1.10	0.25	5.40	5.60	5.80	6.20	6.20	6.70	7.10	7.65	6.20	6.55	6.85	7.35
	1.10	1.00	4.75	5.00	5.20	5.55	5.05	5.45	5.80	6.40	5.15	5.60	5.95	6.60
	1.25	0.25	5.25	5.45	5.60	5.95	5.90	6.35	6.75	7.35	5.95	6.30	6.55	7.05
	1.50	0.25	5.00	5.20	5.35	5.70	5.50	5.95	6.30	6.90	5.55	5.95	6.15	6.65
Under-pressure	2.00	0.25	4.55	4.80	5.00	5.30	4.90	5.25	5.60	6.20	4.90	5.30	5.65	6.05
	1.00	0.25	5.55	5.75	5.95	6.40	6.30	7.00	7.35	7.90	6.30	6.75	7.05	7.60
	1.20	0.10	5.55	5.75	5.95	6.40	6.30	6.85	7.35	7.90	6.30	6.75	7.05	7.60
	1.25	0.25	5.55	5.75	5.95	6.40	6.30	7.00	7.35	7.90	6.30	6.75	7.05	7.60
	1.50	0.10	5.20	5.50	5.75	6.15	5.60	6.05	6.50	7.30	5.60	6.05	6.50	7.30
	1.50	0.25	5.20	5.50	5.75	6.15	5.75	6.25	6.70	7.55	5.75	6.25	6.70	7.45
	1.75	0.10	4.80	5.20	5.45	5.85	5.15	5.60	5.95	6.70	5.15	5.60	5.95	6.70
	1.75	0.25	4.90	5.20	5.45	5.85	5.30	5.75	6.15	6.90	5.30	5.75	6.15	6.90
	2.00	0.10	4.25	4.85	5.15	5.60	4.60	5.20	5.55	6.25	4.60	5.20	5.55	6.25
2.00	0.25	4.45	4.95	5.20	5.60	4.80	5.30	5.70	6.40	4.80	5.30	5.70	6.40	
2.50	0.25	3.45	4.10	4.65	5.20	3.75	4.45	5.05	5.65	3.75	4.45	5.05	5.65	

Span table according to French norms