

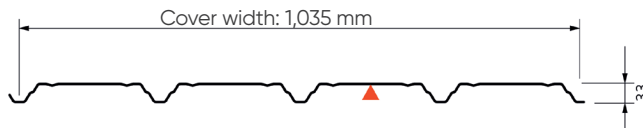
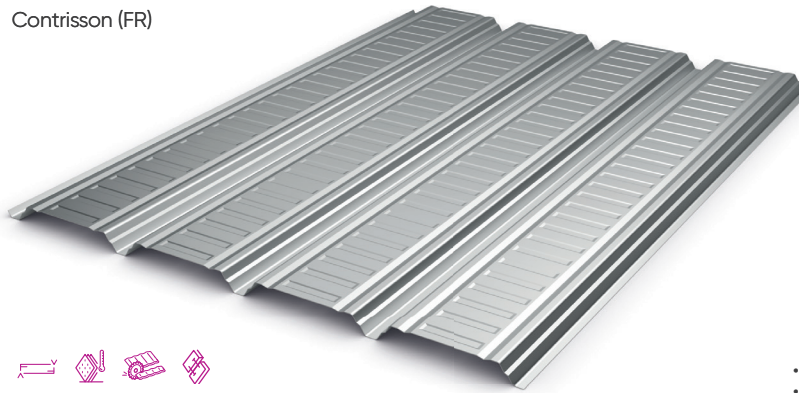
# Hacierco® 4.258.34



ArcelorMittal

## Steeldeck

Contrisson (FR)



- 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)						
		0.75	0.88	1.00	1.25			
Action of descending loads	Surface mass (kg/m <sup>2</sup> )	6.74	7.91	8.99	11.23			
	Moments of inertia (cm <sup>4</sup> /m)	Single span	I2	15.14	17.77	20.19	25.24	
		Two equal spans	I3	12.59	14.77	16.79	20.99	
		Continuity	Im	13.87	16.27	18.49	23.11	
	Bending moment (m.kN/m)	In span	Elastic system	Md2T	1.61	1.89	2.15	2.68
			Elasto-plastic system	Md3T	2.17	2.54	2.89	3.61
		Supported	Md3A	1.61	1.89	2.14	2.68	
		Under concentrated load	Mc	1.44	1.68	1.91	2.39	

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

Hacierco® 4.258.34 - According to PV SOCOTEC KM 7730

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	2.10	2.25	2.35	2.55	2.55	2.75	2.95	3.25	2.55	2.70	2.85	3.05
1.00	0.15	1.15	2.10	2.25	2.35	2.55	2.55	2.75	2.95	3.25	2.55	2.70	2.85	3.05
1.00	0.20	1.20	2.10	2.25	2.35	2.50	2.55	2.75	2.95	3.20	2.55	2.70	2.80	3.00
1.00	0.25	1.25	2.10	2.20	2.30	2.45	2.55	2.75	2.95	3.15	2.55	2.65	2.80	3.00
1.00	0.30	1.30	2.10	2.20	2.25	2.45	2.55	2.75	2.90	3.10	2.50	2.65	2.75	2.95
1.00	0.35	1.35	2.05	2.15	2.25	2.40	2.55	2.75	2.85	3.05	2.50	2.60	2.70	2.90
1.00	1.00	2.00	1.80	1.90	2.00	2.15	2.30	2.45	2.55	2.70	2.20	2.30	2.40	2.55
1.00	1.50	2.50	1.70	1.75	1.85	2.00	1.85	2.15	2.35	2.55	2.00	2.15	2.25	2.40
1.25	0.25	1.50	2.00	2.10	2.15	2.35	2.55	2.65	2.75	2.95	2.40	2.50	2.65	2.80
1.50	0.25	1.75	1.85	1.95	2.05	2.20	2.40	2.50	2.60	2.85	2.25	2.40	2.50	2.70
1.75	0.25	2.00	1.80	1.85	1.95	2.10	2.25	2.40	2.50	2.70	2.15	2.25	2.35	2.55
2.00	0.25	2.25	1.70	1.80	1.85	2.00	2.05	2.30	2.40	2.55	2.05	2.15	2.25	2.45