

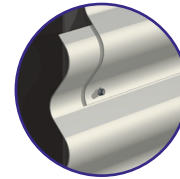
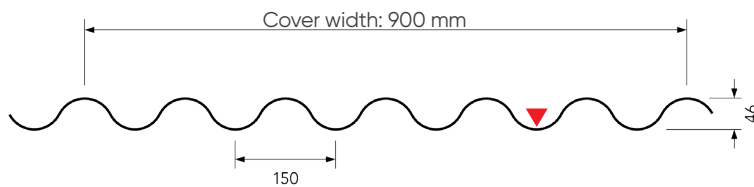
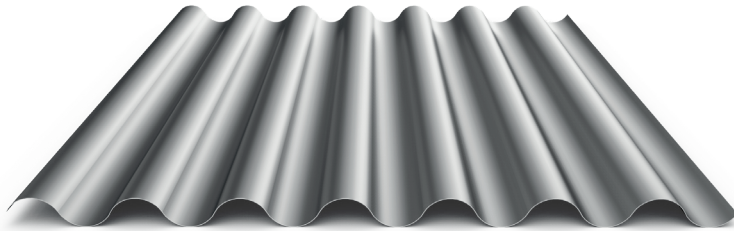
# Frequence® 6.150.46



ArcelorMittal

## Corrugated roof sheet

Geel (BE)



Overlap

Profile length:  
Minimum 1,800 mm / Maximum 16,000 mm  
Shorter lengths are available on request.

### Useful characteristics

		STANDARDS
Steel grade	S320GD	EN 10346
Type of protection	galvanized	EN 10346
	pre-lacquered steel	EN 10169

### Notes

For horizontal installation, we recommend a thickness of 0.75mm  
Colors and coatings according to our Colorissime.  
The profile is standard lacquered on side A.  
Please contact our sales department for non-standard colors and thicknesses.

### Technical characteristics

Nominal thickness	mm	0.63	0.75
Weight	kg/m <sup>2</sup>	6.70	7.98
RE	N/mm <sup>2</sup>	280	280
Max. field moment	kg.m	75	89.3
Support moment max.	kg.m	75	89.3
Inertia I	cm <sup>4</sup>	3.6	4.3
Flexural modulus W	cm <sup>3</sup>	4.018	4.78
Support reaction	kg	2,105	3,194
Maximum length	m	16.50	

### Table of use

Frequence® 6.150.46	Permanent loads (kN/m <sup>2</sup> )	2 SUPPORTS		3 SUPPORTS		4 SUPPORTS	
		0.63	0.75	0.63	0.75	0.63	0.75
Descending loads	0.60	1.57	1.66	2.10	2.23	1.99	2.11
	0.70	1.49	1.58	2.00	2.12	1.89	2.01
	0.80	1.43	1.51	1.91	2.03	1.81	1.92
	1.00	1.32	1.40	1.77	1.88	1.68	1.78
	1.20	1.25	1.32	1.67	1.77	1.58	1.68
	1.50	1.16	1.23	1.55	1.64	1.47	1.56