

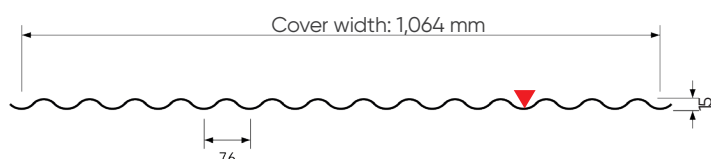
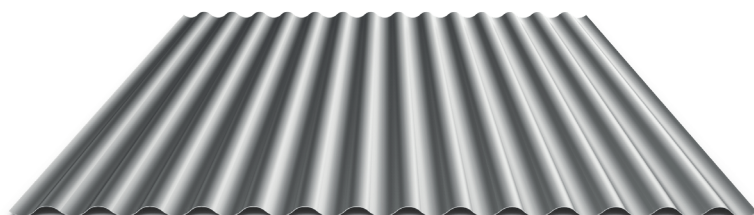
Frequence[®] 14.76.15



ArcelorMittal

Profiled sheet for single or double skin cladding

Geel (BE)



Profile length :
Minimum 200 mm / Maximum 8,000 mm
Shorter lengths up to 200 mm
are available on request.

Useful characteristics

		STANDARDS
Steel grade	S280 GD	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

	mm	0.63	0.75
Nominal thickness	mm	0.63	0.75
Weight	kg/m ²	5.67	6.75
RE	N/mm ²	280	280
Max. field moment	kg.m	75	89.3
Support moment max.	kg.m	75	89.3
Inertia I	cm ⁴	3.6	4.3
Flexural modulus W	cm ³	4.018	4.78
Support reaction	kg	2,105	3,194
Maximum length	m	8.0 *	

* Please contact us for longer lengths

Table of use

Frequence [®] 14.76.15	Permanent loads (kN/m ²)	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