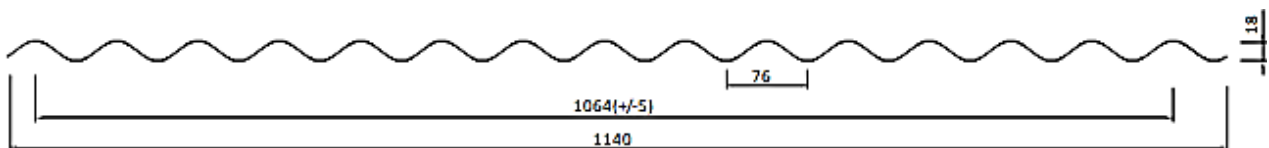




Face A  
▼



▲  
Face B

### Material base

Structural Steel S220GD+Z (EN10346) Other coatings on request

### Type of protection

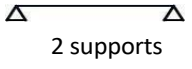
Galvanized (EN10346)

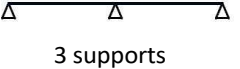
### Coating

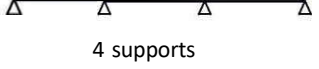
Polyester Upper Side (25 µm) and Primary Lower Side (5/7 µm) Outros revestimentos sob consulta

Thickness	Mass		Moment of Inertia I	Sturdy module W
mm	kg/ml	kg/m <sup>2</sup>	cm <sup>4</sup>	cm <sup>3</sup>
0.5	4.91	4.61	2.15	2.39
0.6	5.89	5.53	2.58	2.87
0.7	6.87	6.46	3.01	3.34

## LOADS AS A FUNCTION OF SUPPORT SPAN

Thickness	BACKGROUND IN COVER and FACADE POSITION (m)															
	 2 supports															
(mm)	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
0.5	1,73	1,30	1,00	0,79	0,63	0,51										
0.6	2,08	1,56	1,20	0,95	0,76	0,62	0,51									
0.7	2,43	1,82	1,40	1,10	0,88	0,72	0,59									

Thickness	BACKGROUND IN COVER and FACADE POSITION (m)															
	 3 supports															
(mm)	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
0.5	4,13	3,13	2,41	1,90	1,52	1,23	1,02	0,85	0,71	0,61	0,52					
0.6	4,96	3,76	2,89	2,28	1,82	1,48	1,22	1,02	0,86	0,73	0,63	0,54				
0.7	5,79	4,38	3,38	2,66	2,13	1,73	1,42	1,19	1,00	0,85	0,73	0,63	0,55			

Thickness	BACKGROUND IN COVER and FACADE POSITION (m)															
	 4 supports															
(mm)	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.5
0.5	3,29	2,47	1,90	1,50	1,20	0,98	0,80	0,67	0,56							
0.6	3,95	2,97	2,29	1,80	1,44	1,17	0,96	0,80	0,68	0,58						
0.7	4,61	3,46	2,67	2,10	1,68	1,37	1,12	0,94	0,79	0,67	0,58	0,50				

\* Rede Moderna does not recommend the use of this plate under loads of less than 0.5 kN/m<sup>2</sup>.  
 The values presented (kN/m<sup>2</sup>) are the responsibility of Rede Moderna, which may make changes to the specifications.

**Data:**  
 E= 210000 MPa || Re = 220 MPa || z ≤ l/200