

Block Steel – Aluminized Steel Specs

Aluminized Steel Inventory (ASTM A463)	
Coatings	Oz./Sq. Ft.
T1-40	0.40
T1-25	0.25
T1-13	0.13
T1-60	0.60
Type 2	0.65/1.0
Gauges	0.12" through 0.146" = 0.304mm through 3.7mm
Widths	Up to 60" Wide = 1524mm
Grades	CS (A or B), DDS, EDDS, EDDS+ Structural, HSLA
Surface	Oiled, Dry, Chemical Treatment

Aluminized Steel Type 1				
<i>Typical Mechanical Properties</i>				
Grade	Yield	Tensile	Elong	R Val
CS	47 ksi	56 ksi	31%	
DDS	31 ksi	48 ksi	40%	1.2
EDDS	29 ksi	46 ksi	42%	1.4
EDDS+	26 ksi	45 ksi	42%	1.7

Aluminized Steel Coating Weight		
<i>Total Coating on Both Sides</i>		
Coating	Min./English	Min./Metric
	Oz./Sq. Ft.	Grams/Sq. M
T1-13	0.13	40
T1-25	0.25	76
T1-40	0.40	122
T1-60	0.60	182
Type 2	0.65	184

Aluminized Gauge Table					
<i>Thickness & Weight Equivalents</i>					
Gauge	Thickness in Inches			Pounds per Sq. Ft.	
No.	Mean	Low	High	Type 1	Type 2
10	0.138	0.129	0.147	5.598	5.571
11	0.123	0.114	0.132	4.977	4.950
12	0.108	0.099	0.117	4.365	4.338
13	0.093	0.085	0.101	3.753	3.726
14	0.079	0.071	0.087	3.182	3.115
15	0.071	0.065	0.077	2.856	2.829
16	0.064	0.058	0.070	2.570	2.543
17	0.058	0.053	0.063	2.325	2.298
18	0.052	0.047	0.057	2.081	2.053
19	0.046	0.041	0.051	1.836	1.809
20	0.040	0.036	0.044	1.591	1.564
21	0.037	0.033	0.041	1.469	1.441
22	0.034	0.030	0.038	1.346	1.319
23	0.031	0.027	0.035	1.224	1.197
24	0.028	0.024	0.032	1.101	1.074
25	0.025	0.021	0.029	0.979	0.952
26	0.022	0.019	0.025	0.857	0.829
27	0.020	0.017	0.023	0.775	0.748
28	0.019	0.016	0.022	0.764	0.707
29	0.017	0.014	0.020	0.653	0.625
30	0.016	0.013	0.019	0.612	0.585