

# T-1000A



Profile T-1000A in Melcher Green

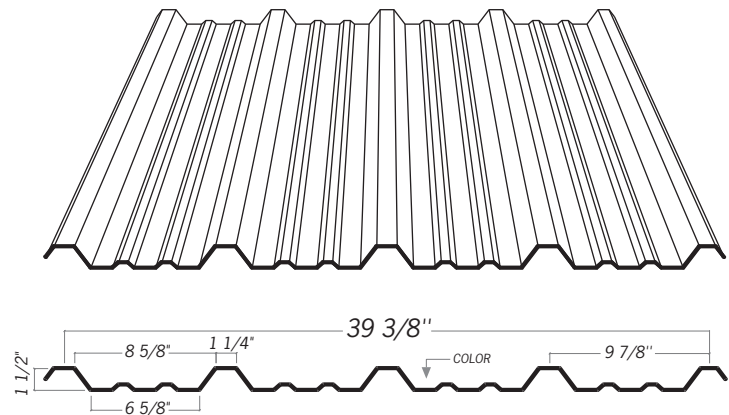
## Technical Sheet

Nominal gauge (in)	"T" design (in)	Overall depth (in)	Weight (lb/ft <sup>2</sup> )	End support reaction (lbs)	Interior support reaction (lbs)	SM+	SM-	Moment of inertia (in <sup>4</sup> )
						(in <sup>3</sup> )	(in <sup>3</sup> )	
Cal. 28	0.015	1.25	0.73	151	0.0963	0.0676	0.0417	0.0559
Cal. 26	0.018	1.26	0.88	207	0.1264	0.0824	0.0541	0.0681
Cal. 24	0.024	1.26	1.17	342	0.1559	0.1101	0.0828	0.0951
Cal. 22	0.030	1.26	1.46	504	0.1848	0.1373	0.1158	0.0951

Span	Steel Gauge							
	28		26		24		22	
	F	D	F	D	F	D	F	D
3' 0"	101	136	138	165	152	182	228	230
4' 0"	75	57	103	70	109	77	138	97
5' 0"	54	29	66	36	70	39	88	50
6' 0"	38	17	46	21	49	23	61	29
7' 0"	28	11	34	13	36	14	45	18
8' 0"	21	7	26	9	27	10	34	12
9' 0"	17	5	20	6	22	7	27	9

3' 0"	57	323	86	393	97	433	162	549
4' 0"	43	136	65	166	73	182	102	231
5' 0"	33	70	43	85	47	93	66	118
6' 0"	23	40	30	49	33	54	46	69
7' 0"	17	25	22	31	24	34	34	43
8' 0"	13	17	17	21	18	23	26	29
9' 0"	10	12	13	15	15	16	20	20

3' 0"	65	256	98	312	110	343	184	435
4' 0"	49	108	73	131	83	145	127	183
5' 0"	39	55	54	67	58	74	82	94
6' 0"	29	32	37	39	41	43	57	54
7' 0"	21	20	28	25	30	27	42	34
8' 0"	16	13	21	16	23	18	32	23
9' 0"	13	9	17	12	18	13	25	16



The indicated loads should be compared to loads according to the ARNOR S136-1 standard.

**These tables display properties for a profile made with steel cladding that corresponds to the ASTM A653M SS Grade 230 standard.**

The loads shown in column F indicate the maximum weighted load applicable on the deck for a given span and span condition.

Loads in parentheses are limited by the web crippling for the support length indicated in the properties.

The loads shown in column D indicate the load that produces the indicated deflection.

**WARNING:**

**The cladding should not be used on the roof when the values in column F are less than 3.5 kPa or when the values in column D are less than 1.9 kPa.**



450 445-1411

1 877 445-1411

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