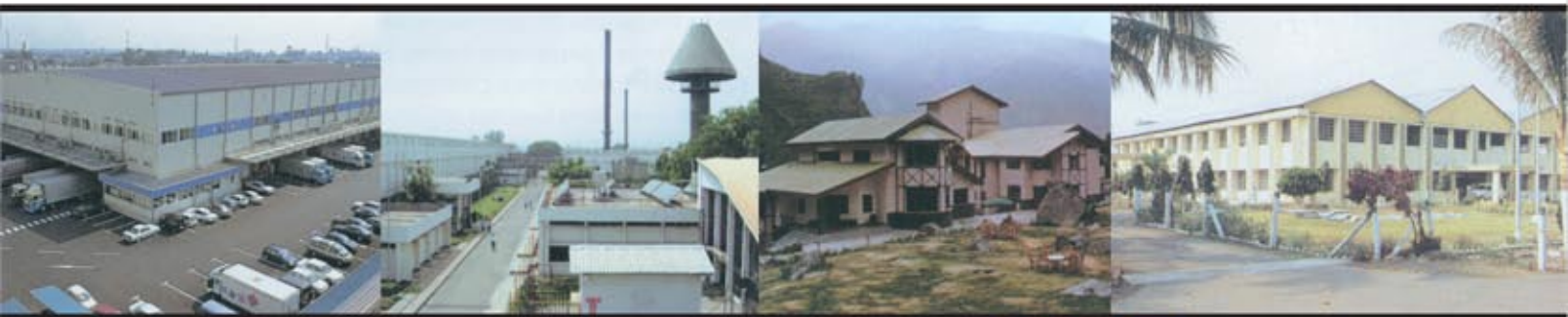


Aluminium Building Sheets



Circular Corrugated Sheet

Thickness	: 1.22 mm – 0.30 mm
Width- 10 Corrugation	: 800 mm
Width- 12 Corrugation	: 950 mm
Length	: 1829 mm – 3658 mm (6") – (12")

Industrial Troughed Sheet

	Standard Size	Tolerance
Thickness	0.46 mm	+/-0.05 mm
	0.56 mm	+/-0.05 mm
	0.71 mm	+/-0.08 mm
	0.91 mm	+/-0.08 mm
Width	920 mm (Type 7*)	
Length	1829mm – 3658 mm (6") – (12")	

Mechanical Properties

Alloy	Temper	UTS (MPa)		%Elongation*		
		Min	Max	(50 mm gauge length)		
				0.5-0.8 mm	0.8-1.3 mm	1.3-1.7 mm
3105	H3	175	215	2	2	3
3105	H4	195		1	1	1
8011	H3	150	180	2	3	4
8011	H4	175		2	2	3

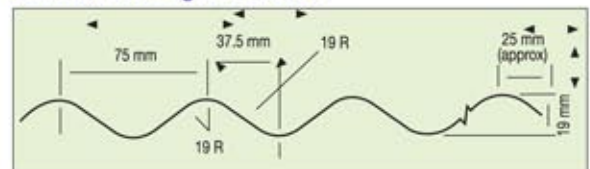
* For embossed Troughed Sheet only UTS is guaranteed.

Chemical Composition

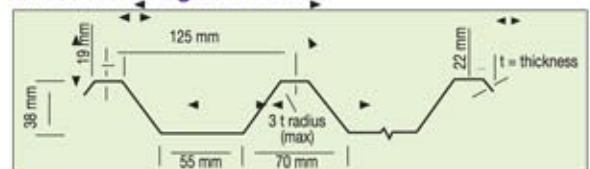
Alloy	3105	8011
%Fe	0.7	0.6 - 1.0
%Si	0.6	0.5 - 0.9
%Mg	0.2 - 0.8	0.05
%Mn	0.3 - 0.8	0.2
%Cu	0.3	0.1
%Zn	0.25	0.2
%Ti	0.1	0.08
%Cr	0.1	0.05
Each (Others)	0.05	0.05
Total (Others)	0.15	0.15
%Al	Remainder	Remainder

Single no. indicates max. content.

Circular Corrugated Sheet



Industrial Troughed Sheet



Number of Sheets Per Tonne Data (Approx.)*

SWG Thickness (mm)	Sheet Length																	
	Feet	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	Mtrs	1.83	2.13	2.44	2.74	3.05	3.35	3.65	3.96	4.27	4.57	4.88	5.18	5.49	5.79	6.09	6.40	6.71

10 Corrugation

18	1.22		185	159	138	128	111	101	93	85	79	69	65	62	58	55	53	50	48
20	0.91		247	213	186	165	148	135	124	114	106	93	87	82	78	74	71	67	65
22	0.71		316	272	237	211	190	173	159	146	136	119	112	105	100	95	90	86	83
24	0.56		402	345	301	268	241	219	201	186	172	151	142	134	127	121	115	110	105
26	0.46		488	419	366	326	293	267	245	225	209	183	172	163	154	147	140	133	128
27	0.42		527	453	395	352	316	288	264	243	226	211	197	187	176	167	158	151	144
28	0.38		594	510	445	397	356	324	298	274	255	223	210	198	188	178	170	162	155
30	0.30		738	634	553	495	433	403	370	341	316	295	277	261	246	233	221	211	201

12 Corrugation

18	1.22		152	130	114	101	91	83	76	70	65	61	57	54	51	48	46	43	41
20	0.91		204	175	152	136	122	111	102	94	87	82	76	72	68	64	61	58	56
22	0.71		261	225	196	175	157	143	131	121	112	105	98	92	87	83	79	75	74
24	0.56		331	285	248	221	199	181	166	153	142	133	124	117	110	105	100	95	90
26	0.46		405	348	304	270	243	221	203	187	173	162	152	143	135	128	122	116	111
27	0.42		441	379	331	295	265	241	221	204	189	177	165	156	147	140	133	126	120
28	0.38		488	419	366	326	293	267	244	225	209	195	183	172	163	154	147	140	133
30	0.30		621	534	466	415	373	339	311	287	266	249	233	219	207	196	187	178	170

Number of Sheets Per Tonne* of ICR Data (Approx.)

SWG Thickness (mm)	Sheet Length							
	Feet	6	7	8	9	10	11	12
	Mtrs	1.83	2.13	2.44	2.74	3.05	3.35	3.65

Industrial - 7

18	1.22		138	119	104	92	83	76	69
20	0.91		186	159	139	124	111	101	93
22	0.71		238	204	178	159	143	130	119
24	0.56		302	259	226	201	181	165	151
26	0.46		64	313	273	2244	218	199	182

* Quantities mentioned are indicative and based on nominal thickness.



- ◆ Light Weight
- ◆ Corrosion Resistance
- ◆ Durable
- ◆ Hygienic
- ◆ Fire Resistance
- ◆ Architectural Beauty
- ◆ Resale Value

Aluminium Roofing Sheet – Applications

- ◆ Industrial Buildings
- ◆ Cold Storage Sheds
- ◆ Rural Housing
- ◆ Poultry Cages
- ◆ False ceiling for large halls etc.

◆ *Aluminium Sheet colours on the front cover are indicative*



- ◆ Do provide cushion with straw/thick tarpaulin on truck bed before loading.
- ◆ Do not carry Cement/Fertilizer/any form of Alkali with Aluminium.
- ◆ Do not use copper conductor to avoid Bi-metallic corrosion.
- ◆ Do stack sheets horizontally on batten with a longitudinal slope.
- ◆ Do use Aluminium Alloy accessories. Hot dip galvanised accessories may also be used.
- ◆ Do not keep heavy materials on the top of roofing sheets.



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