

Product	Aluminium Sheet	Aluminium Sheet
Customer Name	COASTAL STEELS	COASTAL STEELS
Specification	2.5 x 1000 x 1900 mm	4.85 to 5 mm x Different Sizes of width & Length in mm
Alloy	AA-40800	AA-31000
Temper	H2	H2
OD/weight	NA	NA
ID	NA	NA
Thickness Tolerance	+/- 0.050 mm	+ 0.150 /- 0 mm
Width Tolerance	+/- 2 mm	+/- 2 mm
Length Tolerance	+/- 3 mm	+/- 3 mm
Diagonal Difference	+/- 3 mm	+/- 3 mm
Surface	Should be free from scratches, dent, brown stain, oil stain line mark etc	Should be free from scratches, dent, brown stain, oil stain line mark etc
Build up	NA	NA
Chemical Composition	As per IS 737-2008	As per IS 737-2008
	Alloy - 40800	Alloy -31000
Si	0.6 - 0.95	0.60 Max
Fe	0.6 - 0.95	0.70 Max
Cu	0.20 Max	0.10 Max
Mn	0.10 Max	0.8 - 1.5
Mg	0.10 Max	0.10 Max
Cr	-	-
Zn	0.20 Max	0.20 Max
Ti	0.20 Max	0.20 Max
Others	-	-
Al	98.0 Min	Remainder
Mechanical properties	As per IS 737-2008	As per IS 737-2008
Tensile strength (Mpa)	125 - 160 Mpa	130 - 180 Mpa
Elongation	8-10% Min.	15% Min
End Use	Railways for water tank component	Railways for water tank component

**COASTAL STEELS**

No. 312/2A, Vellalar Street,  
Ayanambakkam,  
Chennai - 600 095.



Accepted  
R. Krishna Prasad  
DGM - QA