



ISPAT INDUSTRIES LTD., KALMESHWAR

Quality Assurance Department

Technical Delivery Conditions (TDC)

THICKER GAUGE GALVANIZED CORRUGATED SHEETS

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Application	1	Roofing
	2	
	3	

Equivalent ref. Grade	Specified Grade

Chemistry,wt%	Range	C	Si	S	P	Mn	Ni	Cr	Cu	Mo	Nb	V	Ti	Al	N ppm
	Min.	-	-	-	-	-	-	-	-	-	-	-	-	0.025	-
	Max.	0.050	0.030	0.020	0.020	0.250	-	-	-	-	-	-	-	0.080	-

Mechanical Properties	Range	YS	UTS	% Elongation		Bend Test	ECV	r-bar	n-val	HRB
		Mpa	Mpa	50 GL	80 GL	180°	mm			
	Min.	230	270	22	-	-	-	-	-	55
	Max.	350	450	35	-	-	-	-	-	75

Surface Finish: Regular Spangle / Skinpass - Suppressd spangles.

Process Capability:

	Range	Thickness, mm	Width, mm	Length, mm	Zinc Coating, GSM
	Min	1.00	-	-	80
	Max	1.20	1000	14 ft	275

Note:

1	
2	

Coil Weight: 10 MT max. **Coil Internal Diameter:** 508 mm / 20" **Packet Weight:** 2.00 - 3.00 MT

Process Route:

HR Coil --Pickling-->Rolling Mill --> BAF --> Skinpass (w/o oil) --> Galvanizing --> Finishing --> Packing --> Despatch

Certification:

The Mill Test Certificate (MTC) gives the results of all the tests required by the standards for each grade (Chemistry, Mechanical).

Tolerances: Please refer annexure : GP SPECIFICATION

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