



GRATINGS

TYPE D400

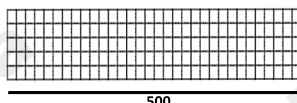
**APPLICATIONS OF STAINLESS STEEL**

Road Carriageways (not transversal)


Hard Shoulders

Lay-bys with thick & Heavy-goods traffic

Petrol Stations

**TECHNICAL DATA SHEET FOR SS ANTISKID SQUARE MESH GRATING**

CODE	PRICE ₹	MATERIAL	DIMENSIONS LxH (mm)	WEIGHT	SECTION DRAINAGE (cm)	OPENINGS F1xF2(mm)	FIXING SYSTEM protrusion4
M20		pickled stainless steel AISI 304 ²	500x148x30	1.6 KG	4,75	30,30	

We certified that the material described below fully conforms to IS 2062:2011. Chemical composition and Mechanical properties of the product, as tested in accordance with the Scheme of Testing and Inspection contained in the BIS Certification Marks Licence No.CML-7189081, are as indicated below against each order No. (PLEASE REFER TO IS 2062:2011 FOR DETAILS OF SPECIFICATION REQUIREMENTS)																								
Specification : IS 2062:2011 E250A				Chemical Composition																				
Specification Requirements				Min	C %	Mn %	S %	P %	Si %	Al %	N ppm	B ppm	Nb %	V %	Ti %	Cr %	Mo %	Ni %	Cu %	MAE %	C Eq%	Killing		
				Max	0.230	1.500	0.045	0.045	0.400		120											0	0.420	
Cast / Heat No.	Coil No. / Packet No.	Nominal Size (mm) T X W X L	Pcs	Qty. MT	Test Results																			
24400850	2440085009	2.00 x 1250 x C		20.420	0.0540	0.457	0.0060	0.016	0.054	0.053	54		0.006	0.032					0.004	0.038	0.1304			
Total weight in Metric Tonnes					20.420	Grand total of coils / packets										1								
Specification : IS 2062:2011 E250A				Mechanical Properties																				
Specification Requirements				Tensile direction	YS MPa	UTS MPa	GL mm	EI %	YS/UTS ratio	Bend direction	Bend dia. mm	Bend result	CVN Impact direction	CVN Impact temp. °C	CVN Impact avg. energy J	Hardness HV 10	Hardness HRB	GS No.	IR	HER	ECV %	SET mm		
				Min	T	250.0	410.0		23.0		T													
Specification Requirements				Max																				
				Cast / Heat No.	Coil No. / Packet No.	Nominal Size (mm) T X W X L	Pcs	Qty. MT	Test Results															
24400850	2440085009	2.00 x 1250 x C		20.420	T	383.00	437.00	5.65SR	34.00	0.876	T	2.0t	Ok											
This is to certify that the above mentioned products produced and supplied by JSW Steel Ltd, Dolvi works do not contain any radioactive element higher than the natural level. The product or packing material does not contain any hazardous substances as per RoHS norms																								
Billing Doc No. :7106572013				Process Route : CONARC-LHF-CSP.																				
Invoice No. :23DO2700337381				Fully killed steel																				
Mode of transport :Truck				Legends : CONARC = ConArc Furnace, LHF = Laddle Heating Furnace, CSP = Compact Strip Production																				
Vehicle No. :MH06BD1851				T x W x L = Thickness x Width x Length																				
				Chemical analysis = Laddle sample analysis, 1 MPa = 1N/mm2																				
				GL = Gauge Length,YS = Yield Strength,UTS = Ultimate Tensile Strength, EI = Total elongation on standard GL,																				
				CVN = Charpy V-notch, L = Longitudinal, T = Transverse, °C = Degree Centigrade, GS = ASTM Grain Size,																				
				IR = Inclusion Rating, ECV = Erichsen Cupping Value, SET = Strainag Embrittlement Test,																				
				MAE = Micro Alloying Elements, C Eq% = Carbon Equivalent= [C+Mn/6+(Cr+Mo+V)/5+(Ni+Cu)/15]																				
				HER = Hole Expansion Ratio, RoHS = Restriction of Hazardous Substances																				
				The material supplied conforms to the specified dimensions and tolerances.																				
				We certify that material comply the certification as per EN 10204:2004 type 3.1.																				
				<div> Pankaj Khasne Deputy General Manager Quality and System For JSW Steel Ltd.</div>																				

1.For drainage purposes use the drain gate with outlet kit (available in two versions ø100 and ø110)
N.B Waterproofing in order to ensure the channels are waterproof, a bituminous adhesive sealant should be used
Heat-sealing the channel joints make sure there will be no leakage through said joints for a very long time. For further info. please contact MANTRA DRAIN SOLUTIONS.
N.B. Sizes and weights are subject to usual manufacturing tolerance values.

