SS BATHROOM SHOWER DRAIN

LOAD CLASS A15

Mantra DRAIN SOLUTIONS

APPLICATIONS OF STAINLESS STEEL

Road Carriageways (not transversal)
Hard Shoulders
Lay-bys with thick & Heavy-goods traffic
Petrol Stations

TECHNICAL DATA SHEET FOR SS BATHROOM SHOWER DRAIN

CODE	MATERIAL	DIMENTIONS
M 22	SS 304 BATHROOM SHOWER DRAIN	80 X 600 ONLY TRAY CENTER OUT LET
M 23	SS 304 BATHROOM SHOWER DRAIN	80 X 600 ONLY TRAY SIDE OUTLET
M 24	SS 304 BATHROOM SHOWER DRAIN	80 X 310 ONLY TRAY CENTER OUTLET
M 25	SS 304 BATHROOM SHOWER DRAIN	80 X 310 ONLY TRAY SIDE OUTLET

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.CM/L-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

		C %	Mn %	S %	P %	Si %	Al %	N ppm	B ppm	Nb %	V %	Ti %	Cr %	Mo %	Ni %	Cu %	MAE %	C Eq%	Killing
Specification Requirements	Min						0.020										0		
	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

		Tensile direction	YS MPa	UTS MPa	GL mm	El %	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 mm	SET
Specification Requirements	Min	T	250.0	410.0		23.0		T												
	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
Invoice No. :23DO2700337381
Mode of transport :Truck
Vehicle No. :MH06BD1851

Process Route : CONARC-LHF-CSP.
Fully killed steel
Legends : CONARC = ConArc Furnance,LHF = Laddle Heating Furance, CSP =Compact Strip Production
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, El = Total elongation on standard GL,
CVN = Charpy V-notch, L = Longitudinal, T = Transverse. °C = Degree Centrigrade, 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.

Pankaj Khasne
Deputy General Manager
Quality and System
For JSW Steel Ltd.

2- Classifications according American Standard ASTM
5- Classification according to Standard EN 10111 (2008) & symbolic designation according to EN 10027-1 (-2) (2006)
8- Hooking System between the gratings through hooks and holes.
N.B.Sizes and weights are subject to usual manufacturing tolerance values.

Mantra® DRAIN SOLUTIONS