


450PL STANDARD MAST SECTION SPECIFICATIONS	
Width across base	= 450mm
Leg size	= 32.1x2.5mm 355VA structural steel round tube
Cross Bracing	= 12mm Roundbar
Mass per 3 metre Section	= 37 kgs
STANDARDS APPLIED	
South African	
Tower and Masts - Manufacturing	SANS 10162-1: 2005 (SABS 0162-1)
Design Code	SABS 0160 - 1989
Steel	SANS 657-1: 2005 (SABS 657-1) SANS 1431: 2007 (SABS 1431)
Galvanising	SANS 121: 2000/ISO 1461:1999 (SABS ISO 1461) (SABS 763)
American	
Tower and Masts - Manufacturing	AISC EIA/TIA Standard 222-E
Design Code	ASCE 7-88
Steel	ASTM A36 ASTM A123 (Structural Shapes )
Galvanising	ASTM 153 (HARDWARE)
British	
Lattice towers and Masts	BS 8100 part1
Steel	BS 4360
Welding	BS 5135
German	
Towers	DIN 4131
SANS/SABS STANDARDS APPLIED	
SANS 657-1: 2005 (SABS 657-1) SANS 1431: 2007 (SABS 1431) SANS 10160: 1989 (SABS 0160) SANS 10162-1: 2005 (SABS 0162-1) SANS 10162-2: 1993 (SABS 0162-2) SANS 121: 2000/ISO 1461:1999 (SABS ISO 1461) (SABS 763)	3.01 Steel tubes for non-pressure purposes Part 1: Sections for scaffolding, general engineering and structural applications 1.08 Weldable structural steels The general procedures and loadings to be adopted in the design of buildings 2 The structural use of steel Part 1: Limit-state design of hot-rolled steel work 1 The structural use of steel Part 2: Limit-states design of cold-formed steelwork 1.01 Hot dip galvanized coatings on fabricated iron and steel articles - specifications and test methods
	

<b>450PL MAST SECTION GENERAL SPECIFICATION SHEET</b>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>CUSTOMER:</b></td> <td></td> </tr> <tr> <td><b>QUOTE REF:</b></td> <td></td> </tr> <tr> <td><b>DESIGNER:</b></td> <td style="text-align: center;">Miro</td> </tr> <tr> <td><b>DATE:</b></td> <td></td> </tr> <tr> <td><b>REVISION:</b></td> <td style="text-align: center;">1.5</td> </tr> </table>	<b>CUSTOMER:</b>		<b>QUOTE REF:</b>		<b>DESIGNER:</b>	Miro	<b>DATE:</b>		<b>REVISION:</b>	1.5
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