

SYSTEM & COMPONENTS ARE COVERED BY DESIGN REGISTRATION & PATENT APPLICATIONS.

SERIES	TYPE	DESIGNATION	DESCRIPTION	DRAWING	REV.
100	101	L/1.00/O	P2/80 km/hr - NO INFILL	BPL/100/1	e
	102	L/1.00/M	P2/80 km/hr - FULL HEIGHT MESH INFILL		
	103	N/1.00/O	P1/113 km/hr - NO INFILL		
	104	N/1.00/M	P2/113 km/hr - FULL HEIGHT MESH INFILL		
120	121	N/1.25/b	P5/113 km/hr - PART HEIGHT SOLID INFILL	BPL/100/2	e
	122	N/1.25/B	P5/113 km/hr - FULL HEIGHT SOLID INFILL		
	123	N/1.25/M	P5/113 km/hr - FULL HEIGHT MESH INFILL		
150	151	L/1.50/M	P2/80 km/hr - FULL HEIGHT MESH INFILL	BPL/100/3	e
	152	N/1.50/M	P2/113 km/hr - FULL HEIGHT MESH INFILL		
	153	N/1.50/B+W	P5/113 km/hr - FULL HEIGHT SOLID INFILL		
180	181	L/1.80/ ^{mw}	P2/80 km/hr - SPECIAL PARAPET - SOLID AND MESH INFILL	BPL/100/4	e
	182	N/1.80/M	P2/113 km/hr - FULL HEIGHT MESH INFILL		
	183	L/1.80/M	P2/80 km/hr - FULL HEIGHT MESH INFILL		
			RAIL DRILLING AND SETTING DETAILS	BPL/100/5	B
			SPACER TO POST AND RAIL CONNECTION DETAILS	BPL/100/6	C
			50KN - 330KN STRENGTH CONNECTION TO SAFETY FENCES	BPL/100/7	d
			MESH INFILL DETAILS (L/1.00/M AND N/1.00/M)	BPL/100/8	C
			SOLID PANEL (PART) INFILL DETAILS (N/1.25/ b)	BPL/100/9	C
			MESH INFILL DETAILS (N/1.25/M, N/1.50/M, L/1.50/M)	BPL/100/10	B
			SOLID PANEL INFILL DETAILS (N/1.50/B, N/1.50/W, N/1.25/B)	BPL/100/11	C
			MESH INFILL DETAILS (L/1.80/M AND N/1.80/M)	BPL/100/12	C
			PART SOLID PART MESH INFILL DETAILS (L/1.80/ ^{mw})	BPL/100/13	C
			lower mesh joint details	BPL/100/14	a

FORM OF MATERIAL	SPECIFICATIONS BS NUMBER AND DESIGNATION	COMMENTS SPECIAL REQUIREMENTS
EXTRUDED SECTIONS	BS EN 515:1993 - BS EN 573 PT3:1995 BS EN 573 PT4:1995 - BS EN 755 PT1:1997 BS EN 755 PT2:1997 - BS EN 755 PT3:1996 BS EN 755 PT4:1996 - BS EN 755 PT5:1996 BS EN 573 PT6:1996 - BS EN 755 PT7:1998 BS EN 755 PT8:1998 - BS EN 755 PT9:2001 ALLOYS 6082	ADDITIONAL MECHANICAL TESTING AS SPECIFIED IN BS6779-1:1998
PLATE AND SHEET	BS EN 485 PT1:1994 - BS EN 485 PT2:1995 BS EN 485 PT3:1994 - BS EN 485 PT4:1994 ALLOYS 1050A, 1200, 3103, 4015, 5083, 5251 AND 6082	SOLID INFILL
ALUMINIUM CASTING	BS EN 1559 PT1:1997 - BS EN 1559 PT4:1999 BS EN 1706 : 1998 ALLOYS LM6	POST AND RAIL END CAPS
WELDING RODS AND WIRE	BS 2901 PT4:1990	
WIRE MESH	WIRE TO BS 1052 : 1980 COATINGS TO BE EN 10244 PT2:2001 & BS EN ISO 1461:1999	MESH INFILL
FASTENERS (SEE NOTE 1) ISO METRIC PRECISION HEXAGON BOLTS, SCREWS AND NUTS.	BS 3692 : 2001 BS EN ISO 3506 PT1 : 1998 BS EN ISO 3506 PT2 : 1998 <small>(FORM) (GRADE A4 CLASS 80)</small>	
METRIC WASHERS	BS 4320 : 1968 BS EN 10095 : 1999 <small>(FORM) (A4)</small>	
HOT DIP GALVANIZING	BS EN ISO 1461:1999	SAFETY FENCE CONNECTIONS AND MESH INFILL
BITUMASTIC PAINT	BS 3416 (1991)	ISOLATION
STEEL PLATE AND FLATS	BS EN 10025 : 1993 - S275JR	SAFETY FENCE CONNECTIONS
TOP HAT SLEEVES	NYLON - GRILON A70 SKL	ISOLATING SLEEVES
INERT PACKING	POLYETHYLENE - PE300	UNDERBASE PACKING

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NOTES

- THE STANDARDS LISTED RELATING TO THE FORM OF FASTENERS DO NOT COVER SPECIAL BOLTS, SCREWS ETC. WHICH MAY BE USE FOR PARTICULAR FIXINGS WHERE IT IS NOT POSSIBLE TO INCORPORATE BOLTS SCREWS ETC. OF STANDARD DIMENSIONS OR WHERE SPECIAL FIXINGS ARE REQUIRED TO RESIST VANDALISM.
- OTHER SYSTEM VARIANTS ARE AVAILABLE BY ARRANGEMENT.

B	05/12/02	BPL/100/14 ADDED AND UPDATED TO CURRENT DRG. REV.S
A	05/06/02	UPDATED TO CURRENT DRG. NO.5 AND REV.S
REV.	DATE	AMENDMENT



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DRAWN	CHECKED
CM	DM
DATE	SCALE
28/06/01	-----

TITLE
SERIES 100 - 120 - 150 - 180
DRAWING LIST
AND MATERIAL SPECIFICATION

DRAWING NUMBER
BPL/100/100