

**MC**  
fpmccann

THINKING PRECAST?  
THINK FP MCCANN

# BUILDING SOLUTIONS

## QUICK REFERENCE GUIDE





FP McCann is the UK's market leader in the manufacture, supply and delivery of precast concrete solutions. Our comprehensive precast concrete business extends to include:

**AGRICULTURE | ARCHITECTURAL PRECAST  
BOX CULVERTS | BUILDING PRODUCTS  
DOCK LEVELLERS | DRAINAGE | FENCING  
FILTER BED SYSTEMS | FLOORING  
POWER & INFRASTRUCTURE | RAIL  
SPECIALIST PRECAST | STRUCTURAL PRECAST  
TANKS & CHAMBERS | TUNNELS & SHAFTS |  
WALLING**

*Please note: all information is correct at time of going to print.*



FP McCann manufactures a wide range of high quality precast concrete products for the construction industry. All of our building products are manufactured to European standards.

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# PRESTRESSED CONCRETE LINTELS & PADSTONES

FP McCann's range of prestressed concrete lintels and padstones are designed to provide a low cost and resilient masonry support for door and window openings. The prestressed casting system used to develop lintels ensures consistent high quality and a smooth finish providing safer manual handling. Our lintels and padstones are manufactured to European Standards.

## LINTEL LOAD / SPAN TABLE

Service RM (kN/m)		100 x 65 Flat	100 x 65 Upright	140 x 65 Flat	140 x 65 Upright	140 x 100 Flat	100 x 140 Upright
		0.93	1.35	1.03	2.77	3.17	4.52
Length	Effective Length	UDL (kN/m)	UDL (kN/m)	UDL (kN/m)	UDL (kN/m)	UDL (kN/m)	UDL (kN/m)
450	n/a	82.35	120.43	91.72	245.91	281.55	401.73
600	450	36.60	53.52	40.77	109.29	125.13	178.55
750	600	20.59	30.11	22.93	61.48	70.39	100.43
900	750	13.18	19.27	14.68	39.35	45.05	64.28
1050	900	9.15	13.38	10.19	27.32	31.28	44.64
1200	1050	6.72	9.83	7.49	20.07	22.98	32.79
1350	1200	5.15	7.53	5.73	15.37	17.6	25.11
1500	1350	4.07	5.95	4.53	12.14	13.90	19.84
1650	1500	3.29	4.82	3.67	9.84	11.26	16.07
1800	1650	2.72	3.98	3.03	8.13	9.31	13.28
2100	1950	1.95	2.85	2.17	5.82	6.66	9.51
2400	2250	1.46	2.14	1.63	4.37	5.01	7.14
2700	2550	1.14	1.67	1.27	3.40	3.90	5.56
3000	2850	0.91	1.33	1.02	2.72	3.12	4.45
3300	3150	0.75	1.09			2.55	3.64
3600	3450	0.62	0.91			2.13	3.04

### Notes:

- Composite brickwork figures are not included in the above load span table
- Minimum 150mm clear spans, plus a sound bearing length of 150mm minimum at each end. Where required, suitable padstones should be used
- The Uniformly Distributed Loads (UDL) above are Serviceability Loads in kN/m and are based upon the least of the flexural strength, the shear strength or the load that provides a maximum deflection of L/325. Deflection information is available upon request
- Lintels tested in accordance with BS EN 845-2:2013 and BS EN 846-9:2016
- Part packs are available on request
- High strength lintels are also available

## LINTEL SIZES / PACK SIZES

Length	No. per pack							
	100 x 65	140 x 100	140 x 65	100 x 100	215 x 100	215 x 65	140 x 140	215 x 140
450	48	36	48	-	40	-	-	-
600	48	36	48	36	40	30	28	14
750	48	36	48	36	40	30	21	14
900	48	36	48	36	40	30	21	14
1050	48	36	48	36	40	30	21	14
1200	48	36	48	36	40	30	21	14
1350	16	12	16	12	10	10	7	7
1500	16	12	16	12	10	10	7	7
1650	16	12	16	12	10	10	7	7
1800	16	12	16	12	10	10	7	7
2100	16	12	16	12	10	10	7	7
2400	16	12	16	12	10	10	7	7
2700	16	12	16	12	10	10	7	7
3000	16	12	16	12	10	10	7	7
3300	16	12	12	12	10	12	7	7
3600	16	12	12	12	10	12	7	7

All measurements are in mm.



Concrete lintel as used traditionally in construction.



Concrete lintel as used to bridge pipes underground.

## PADSTONES

Padstone sizes (mm)	Pack sizes
215 x 140 x 100	24
215 x 215 x 100*	24
300 x 100 x 140	24
330 x 215 x 100*	24
380 x 140 x 215*	24
440 x 140 x 100	24
440 x 140 x 140*	24
440 x 215 x 100	24
440 x 215 x 140	24
440 x 215 x 215*	24
600 x 140 x 100*	24

\* Available Soon



# PIER CAPS, WALL COPINGS & GULLY SURROUND

## PIER CAPS & WALL COPINGS

FP McCann's precast concrete wall copings and pier caps provide an eye-catching and economical finish to various wall designs. The high calibre of these products helps prevent potential wall erosion or discolouring caused by adverse weather conditions. Pier caps and wall copings are available in Saddleback. Standard finish only.

### WALL COPING SIZES

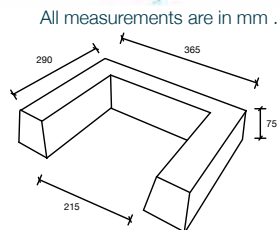
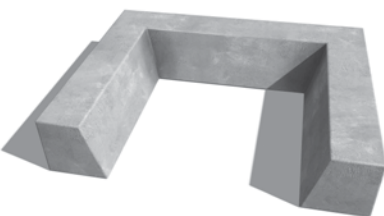
Product Code/Description	Pack Sizes
Pre SB Coping 125x30x600mm**	140
Pre SB Coping 175x75x906mm**	36
Pre SB Coping 285x50x600mm**	50
Pre SB Coping 302x60x905mm**	24
Pre TW Coping 165x60x610mm**	60
Pre TW Coping 305x70x610mm**	30
Pre TW Coping 355x75x610mm**	30
Pre TW Coping 405x75x915mm**	15
Pre OW Coping 165x60x610mm*	60
Pre OW Coping 305x70x610mm*	30
Pre OW Coping 355x75x610mm**	30
Pre OW Coping 405x75x915mm*	15

\* Once Weathered \*\* Twice Weathered

### PIER CAP SIZES

Saddleback size	A	B	C	No. per pack
12"	300	40	70	30
16"	400	50	85	24
18"	450	50	100	16
22"	560	50	120	8

### GULLY SURROUND



Please note: Kerb finish to front and back as from mould, to bottom as from steel float. All dimensions in mm.

# SLOTTED POSTS

With over 30 years' experience in the manufacture of precast concrete products, FP McCann offers a wide range of precast fencing solutions.

Product Code	Sizes (mm)	Sizes (ft)	No. per Tonne	No per Pack	Individual Weight (kg)	Pack Weight inc. Packaging (kg)
<b>Slotted Posts - Intermediates</b>						
FPSLP150	1525	5'	35.09	40	28.5	1160
FPSLP180	1830	6'	28.99	40	34.5	1400
FPSLP210	2135	7'	25.42	30	39.3	1200
FPSLP240	2440	8'	22.39	30	44.7	1360
FPSLP275	2745	9'	18.99	30	52.7	1600
FPSLP305 NEW	3050	10'	17.86	30	56.0	1700
<b>Slotted Posts - Corners</b>						
FPSLPC150	1525	5'	20.34	6	49.2	301
FPSLPC180	1830	6'	17.19	6	58.2	355
FPSLPC210	2135	7'	15.00	6	66.7	406
FPSLPC240	2440	8'	12.66	6	79.0	480
FPSLPC275	2745	9'	11.09	6	90.2	547
<b>Slotted Posts - Ends</b>						
FPSLPE150	1525	5'	32.47	10	30.8	328
FPSLPE180	1830	6'	26.46	10	37.8	398
FPSLPE210	2135	7'	22.57	10	44.3	463
FPSLPE240	2440	8'	20.12	10	49.7	517
FPSLPE275	2745	9'	17.83	10	56.1	581
FPSLPE305 NEW	3050	10'	15.87	10	63.0	1650



\*Heavyduty and lightweight slotted posts are available, as well as chainlink and cranked top security posts, morticed and recessed posts. Please contact our sales team for more information.

# GRAVEL BOARDS & DECK POSTS

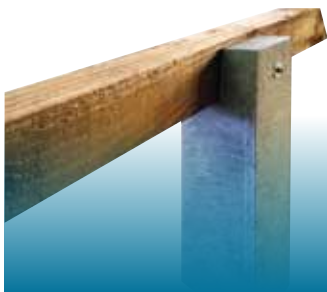
# BOLLARDS, UNIVERSAL POSTS & REPAIR SPURS

## GRAVEL BOARDS

Product Code	Sizes (mm)	Sizes (in)	No. per Tonne	No. per Pack	Individual Weight (kg)	Pack Weight inc. Packaging (kg)
<b>Gravel Boards For Slotted Posts</b>						
FPGBP150 Plain	1830x150x45	6"	36.10	40	27.7	1120
FPGBP305 Plain	1830x305x45	12"	17.17	20	58.3	1180
FPGBR150 Recessed	1830x150x45	6"	37.56	40	26.6	1080
FPGBR305 Recessed	1830x305x45	12"	21.62	20	46.3	940
FPGBRF305 Rock Faced Semi dry	1830x305x45	12"	19.14	20	52.3	1060
FPGBRF305WC Rock Faced Wet cast	1830x305x45	12"	18.43	20	54.3	1100
FPGBRF305WCHP Rock Faced WC High profile	1830x305x45	12"	16.90	16	59.1	960

## DECK POSTS

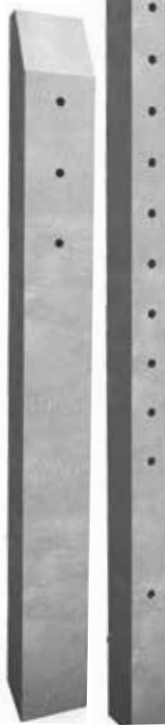
The FP McCann DeckPost is the durable precast solution for your decking requirements. Whether you plan to create an elevated decking area, or simply to level out irregular ground conditions, DeckPost is the obvious choice.



Product Code	Sizes in mm/in	No. per Tonne	No. per Pack	Individual Weight (kg)	Pack Weight inc. Packaging (kg)
PREFPDECP450	450x100x100/18x4x4	90.91	120	11.00	1340
PREFPDECP600	600x100x100/24x4x4	71.43	72	14.00	1028
PREFPDECP900	900x100x100/36x4x4	47.62	48	21.00	1028
PREFPDECP1200	1200x100x100/48x4x4	37.04	36	27.00	992

## REPAIR SPURS

Available in 4"x 4", 4"x 3" & 3"x 3"



## UNIVERSAL POSTS

Product Code	Sizes (mm)	Sizes (ft/in)	No. per Tonne	No. per Pack	Individual Weight (kg)	Pack Weight inc. Packaging (kg)
<b>Universal Posts - Intermediate</b>						
FPUNP150	1525	5'	27.99	36	35.7	1306
FPUNP180	1830	6'	23.08	36	43.3	1580
FPUNP210	2135	7'	19.85	27	50.4	1380
FPUNP240	2440	8'	16.88	27	59.3	1620
FPUNP275	2745	9'	15.88	27	63.0	1720
<b>Repair Spurs 3x3</b>						
FP SUPP 099 3X3	990	3' 3"	74.63	70	13.4	953
FP SUPP 105 3X3	1070	3' 6"	69.44	70	14.4	1023
<b>Repair Spurs 4x3</b>						
FPSUP090	915x100x75	3'	65.73	70	15.2	1080
FPSUP105	1070x100x75	3' 6"	57.14	70	17.5	1240
FPSUP120	1220x100x75	4'	49.82	70	20.1	1420
FPSUP135	1370x100x75	4' 6"	44.16	70	22.6	1600
<b>Repair Spurs 4x4</b>						
FPSUP0904X4	915x100x100	3'	50.56	60	19.8	1188
FPSUP1054X4	1070x100x100	3' 6"	43.90	60	22.8	1368
FPSUP1204X4	1220x100x100	4'	38.50	60	26.0	1560
FPSUP1354X4	1370x100x100	4' 6"	33.58	60	29.8	1788
<b>Screed Rail</b>						
FPSRBF050	50x3000	2"	85.46	104	11.7	1237
FPSRBF100	100x3000	4"	38.34	48	26.1	1272
FPSRBF125	125x3000	5"	26.74	33	37.4	1254
FPSRBF150	150x3000	6"	21.43	30	46.7	1420
<b>Bollards</b>						
FPBOL135	1370x225	4' 6"	10.96	5	91	475